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# Web Page Performance Test for

[www.codeimmersives.com/](http://www.codeimmersives.com/)

**From:** Dulles, VA - **Chrome** - **Cable**  
2/10/2017, 4:35:43 PM

**F A F D A X**

First Byte Time	Keep-alive Enabled	Compress Transfer	Compress Images	Cache static content	Effective use of CDN
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## Full Optimization Checklist

	Keep-Alive	GZip	Compress Ing	Progressive	Cache Static	CDN Detected
http://www.codeimmersives.com/	100%	27%	66%	32%	97%	4%
1: www.codeimmersives.com - /	✓	✗				
2: www.codeimmersiv...- bootstrap.min.css	✓	✗			✓	✗
3: www.codeimmersives.com - style.css	✓	✗			✓	✗
4: www.codeimmersives.com - animate.css	✓	✗			✓	✗
5: www.codeimmersiv... - font-awesome.css	✓	✗			✓	✗
6: www.codeimmersiv...menus.bootstrap.css	✓	✗			✓	✗
7: www.codeimmersiv... - scontactform.css	✓	✗			✓	✗
8: fonts.googleapis.com - css	✓	✓			✗	✓
9: www.codeimmersives.com - public.css	✓	✗			✓	✗
10: www.codeimmersives.com - jquery.js	✓	✗			✓	✗
11: www.codeimmersi...uery-migrate.min.js	✓	✗			✓	✗
12: www.codeimmersi...com - public.min.js	✓	✗			✓	✗
13: ajax.googleapis.com - jquery.min.js	✓	✓			✓	✓
14: www.codeimmersi... - bootstrap.min.js	✓	✗			✓	✗
15: www.codeimmersi...query.smartmenus.js	✓	✗			✓	✗
16: www.codeimmersi...tmenus.bootstrap.js	✓	✗			✓	✗
17: www.codeimmersi... viewportchecker.js	✓	✗			✓	✗
18: www.codeimmersi...m - wp-embed.min.js	✓	✗			✓	✗
19: www.codeimmersives.com - logo.png	✓		✓		✓	✗
20: fonts.gstatic.c...qr5-oayXS0efg.woff2	✓		✓		✓	
21: fonts.gstatic.c...qr5-oayXS0efg.woff2	✓		✓		✓	
22: fonts.gstatic.c...TICgirnJhmVJw.woff2	✓		✓		✓	
23: codeimmersives.com - HTML5_Badge.png	✓		✓		✓	✗
24: codeimmersives.com - css_badge.png	✓		✓		✓	✗
25: codeimmersives.com - java_badge.png	✓		✓		✓	✗
26: codeimmersives.com - jquery_badge.png	✓		✓		✓	✗
27: codeimmersives.com - ruby_badge.png	✓		✓		✓	✗
28: codeimmersives.com - rails_badge.png	✓		✓		✓	✗
29: codeimmersives.com - logo_black.png	✓		✓		✓	✗
30: codeimmersives.com - table.png	✓		✓		✓	✗
31: codeimmersives.com - painting.png	✓		✓		✓	✗
32: codeimmersives.com - lamp.png	✓		✓		✓	✗
33: codeimmersives.com - pen_stand.png	✓		✓		✓	✗
34: www.codeimmersi...esome-webfont.woff2	✓		✓		✓	✗
35: codeimmersives.com - cup.png	✓		✓		✓	✗
36: www.codeimmersi...lings-regular.woff2	✓		✓		✓	✗
37: www.codeimmersi...com - amazon_bg.png	✓		✓		✓	✗
38: codeimmersives.com - clock.png	✓		✓		✓	✗
39: codeimmersives.com - ports.png	✓		✓		✓	✗
40: codeimmersives...te_student_look.png	✓		✓		✓	✗
41: codeimmersives.com - map.png	✓		✓		✓	✗
42: www.codeimmersives.com - banner1.jpg	✓		⚠	✓	✓	✗
43: codeimmersives.com - image-1.png	✓		✓		✓	✗
44: codeimmersives.com - image-2.png	✓		✓		✓	✗
45: www.codeimmersives.com - banner-2.jpg	✓		⚠	✗	✓	✗
46: www.google-anal....com - analytics.js	✓	✓	⚠		⚠	✓
47: www.codeimmersives.com - banner-3.jpg	✓		⚠	✗	✓	✗
48: www.codeimmersives.com - logo.png	✓		✓		✓	✗
49: codeimmersives.com - image-3.png	✓		✓		✓	✗
50: codeimmersives.com - image-4.png	✓		✓		✓	✗
51: codeimmersives.com - image-5.png	✓		✓		✓	✗
52: codeimmersives.com - image-6.png	✓		✓		✓	✗
53: www.codeimmersi...moji-release.min.js	✓	✗	✓		✓	✗
54: www.google-analytics.com - collect	✓		✓		✓	✗
55: codeimmersives.com - image-7.png	✓		✓		✓	✗
56: codeimmersives.com - image-8.png	✓		✓		✓	✗
57: codeimmersives.com - image-9.png	✓		✓		✓	✗
58: www.codeimmersi...- phplive_v2.js.php	✓	✗	✓		✓	✗
59: codeimmersives.com - image-10.png	✓		✓		✓	✗
60: www.codeimmersi...- financial-aid.png	✓		✓		✓	✗
61: www.codeimmersi...- web_developer.jpg	✓		⚠	✗	✓	✗
62: codeimmersives.com - image-11.png	✓		✓		✓	✗
63: codeimmersives.com - image-12.png	✓		✓		✓	✗
64: codeimmersives.com - image-13.png	✓		✓		✓	✗
65: codeimmersives.com - complete_map.png	✓		✓		✓	✗
66: codeimmersives.com - graph.png	✓		✓		✓	✗
67: codeimmersives.com - graph-2.png	✓		✓		✓	✗
68: www.codeimmersi... - home_address.jpg	✓		⚠	✗	✓	✗
69: www.codeimmersives.com - status.php	✓		✓		✓	✗
70: www.codeimmersi...om - footprints.php	✓		✓		✓	✗
71: www.codeimmersi... - icon_offline.gif	✓		✓		✓	✗
72: www.codeimmersives.com - favicon.ico	✓		✓		✓	✗
	Keep-Alive	GZip	Compress Ing	Progressive	Cache Static	CDN Detected



## Details

### First Byte Time (back-end processing): 40/100

996 ms First Byte Time  
400 ms Target First Byte Time

### Use persistent connections (keep alive): 100/100

### Use gzip compression for transferring compressable responses: 27/100

601.7 KB total in compressible text, target size = 165.5 KB - potential savings = 436.2 KB

FAILED - (131.5 KB, compressed = 19.7 KB - savings of **111.8 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/bootstrap.min.css>  
FAILED - (70.6 KB, compressed = 4.3 KB - savings of **66.3 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/animate.css>  
FAILED - (94.9 KB, compressed = 33.0 KB - savings of **61.9 KB**) - <http://www.codeimmersives.com/wp-includes/js/jquery/jquery.js?ver=1.12.4>  
FAILED - (54.6 KB, compressed = 11.1 KB - savings of **43.6 KB**) - <http://www.codeimmersives.com/>  
FAILED - (43.2 KB, compressed = 10.9 KB - savings of **32.3 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/jquery.smartmenus.js>  
FAILED - (36.0 KB, compressed = 9.5 KB - savings of **26.5 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/bootstrap.min.js>  
FAILED - (31.6 KB, compressed = 6.2 KB - savings of **25.4 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/fonts/font-awesome-4.4.0/css/font-awesome.css>  
FAILED - (31.3 KB, compressed = 6.0 KB - savings of **25.2 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/style.css>  
FAILED - (30.9 KB, compressed = 7.4 KB - savings of **23.5 KB**) - [http://www.codeimmersives.com/phplive/js/phplive\\_v2.js.php?v=0|1468857540|0](http://www.codeimmersives.com/phplive/js/phplive_v2.js.php?v=0|1468857540|0)  
FAILED - (11.1 KB, compressed = 4.1 KB - savings of **7.0 KB**) - <http://www.codeimmersives.com/wp-includes/js/wp-emoji-release.min.js?ver=4.7.2>  
FAILED - (9.8 KB, compressed = 3.9 KB - savings of **5.9 KB**) - <http://www.codeimmersives.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=1.4.1>  
FAILED - (4.3 KB, compressed = 1.5 KB - savings of **2.7 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/jquery.smartmenus.bootstrap.js>  
FAILED - (3.5 KB, compressed = 1.0 KB - savings of **2.6 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/jquery.smartmenus.bootstrap.css>  
FAILED - (2.5 KB, compressed = 1.1 KB - savings of **1.5 KB**) - <http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/viewportchecker.js>

### Compress Images: 66/100

4,101.4 KB total in images, target size = 2,732.6 KB - potential savings = 1,368.8 KB

FAILED - (569.6 KB, compressed = 126.6 KB - savings of **443.0 KB**) - <http://www.codeimmersives.com/wp-content/uploads/2016/02/banner1.jpg>  
FAILED - (569.8 KB, compressed = 135.8 KB - savings of **434.0 KB**) - <http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-3.jpg>  
FAILED - (229.0 KB, compressed = 35.3 KB - savings of **193.7 KB**) - [http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/web\\_developer.jpg](http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/web_developer.jpg)  
FAILED - (230.8 KB, compressed = 49.6 KB - savings of **181.3 KB**) - [http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/home\\_address.jpg](http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/home_address.jpg)  
FAILED - (154.7 KB, compressed = 38.0 KB - savings of **116.7 KB**) - <http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-2.jpg>

### Use Progressive JPEGs: 32/100

569.6 KB of a possible 1,754.0 KB (32%) were from progressive JPEG images

FAILED (569.8 KB) - <http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-3.jpg>  
FAILED (230.8 KB) - [http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/home\\_address.jpg](http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/home_address.jpg)  
FAILED (229.0 KB) - [http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/web\\_developer.jpg](http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/web_developer.jpg)  
FAILED (154.7 KB) - <http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-2.jpg>

### Leverage browser caching of static assets: 97/100

FAILED - (No max-age or expires) - <https://fonts.googleapis.com/css?family=Open+Sans:400,300,300italic,600,400italic,600italic,700,700italic,800,800italic>  
WARNING - (2.0 hours) - <https://www.google-analytics.com/analytics.js>

### Use a CDN for all static assets: 4/100

FAILED - [http://codeimmersives.com/wp-content/uploads/2016/02/HTML5\\_Badge.png](http://codeimmersives.com/wp-content/uploads/2016/02/HTML5_Badge.png)

FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/css\_badge.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/java\_badge.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/jquery\_badge.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/ruby\_badge.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/rails\_badge.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/logo\_black.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/table.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/painting.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/lamp.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/pen\_stand.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/cup.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/clock.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/ports.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/complete\_student\_look.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/map.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-1.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-2.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-3.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-4.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-5.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-6.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-7.png  
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FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-11.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-12.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/image-13.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/complete\_map.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/graph.png  
FAILED - http://codeimmersives.com/wp-content/uploads/2016/02/graph-2.png  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/bootstrap.min.css  
FAILED - http://www.codeimmersives.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=1.4.1  
FAILED - http://www.codeimmersives.com/wp-content/plugins/sticky-header/js/public.min.js?ver=1.0.0  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/bootstrap.min.js  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/jquery.smartmenus.js  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/jquery.smartmenus.bootstrap.js  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/js/viewportchecker.js  
FAILED - http://www.codeimmersives.com/wp-includes/js/wp-embed.min.js?ver=4.7.2  
FAILED - http://www.codeimmersives.com/wp-content/uploads/2016/02/logo.png  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/style.css  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/animate.css  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/fonts/font-awesome-4.4.0/fonts/fontawesome-webfont.woff?v=4.4.0  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/fonts/glyphicons-halflings-regular.woff2  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/amazon\_bg.png  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/fonts/font-awesome-4.4.0/css/font-awesome.css  
FAILED - http://www.codeimmersives.com/wp-content/uploads/2016/02/banner1.jpg  
FAILED - http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-2.jpg  
FAILED - http://www.codeimmersives.com/wp-content/uploads/2016/02/banner-3.jpg  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/logo.png  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/css/jquery.smartmenus.bootstrap.css  
FAILED - http://www.codeimmersives.com/wp-includes/js/wp-emoji-release.min.js?ver=4.7.2  
FAILED - http://www.codeimmersives.com/phplive/js/phplive\_v2.js.php?v=0|1468857540|0|  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/financial-aid.png  
FAILED - http://www.codeimmersives.com/wp-content/plugins/scontactform/assets/css/scontactform.css?ver=4.7.2  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/web\_developer.jpg  
FAILED - http://www.codeimmersives.com/wp-content/themes/codeimmersive/images/home\_address.jpg  
FAILED - http://www.codeimmersives.com/phplive/pics/icons/icon\_offline.gif  
FAILED - http://www.codeimmersives.com/favicon.ico  
FAILED - http://www.codeimmersives.com/wp-content/plugins/sticky-header/css/public.css?ver=1.0.0  
FAILED - http://www.codeimmersives.com/wp-includes/js/jquery/jquery.js?ver=1.12.4

CDN's Used:

fonts.googleapis.com : Google  
ajax.googleapis.com : Google  
fonts.gstatic.com : Google  
www.google-analytics.com : Google

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# Glossary:

<b>First Byte Time</b>	Applicable Objects	Time to First Byte for the page (back-end processing + redirects)
	What is checked	The target time is the time needed for the DNS, socket and SSL negotiations + 100ms. A single letter grade will be deducted for every 100ms beyond the target.
<b>Keep-Alive</b>	Applicable Objects	All objects that are from a domain that serves more than one object for the page (i.e. if only a single object is served from a given domain it will not be checked)
	What is checked	The response header contains a "keep-alive" directive or the same socket was used for more than one object from the given host
<b>GZIP Text</b>	Applicable Objects	All objects with a mime type of "text/*" or "*/javascript"
	What is checked	Transfer-encoding is checked to see if it is gzip. If it is not then the file is compressed and the percentage of compression is the result (so a page that can save 30% of the size of it's text by compressing would yield a 70% test result)
<b>Compress Images</b>	Applicable Objects	JPEG Images
	What is checked	Within 10% of a photoshop quality 50 will pass, up to 50% larger will warn and anything larger than that will fail. The overall score is the percentage of image bytes that can be saved by re-compressing the images.
<b>Use Progressive JPEGs</b>	Applicable Objects	All JPEG Images
	What is checked	Each JPEG image is checked and the resulting score is the percentage of JPEG bytes that were served as progressive images relative to the total JPEG bytes.
<b>Cache Static</b>	Applicable Objects	Any non-html object with a mime type of "text/*", "*/javascript" or "image/*" that does not explicitly have an Expires header of 0 or -1, a cache-control header of "private", "no-store" or "no-cache" or a pragma header of "no-cache"
	What is checked	An "Expires" header is present (and is not 0 or -1) or a "cache-control: max-age" directive is present and set for an hour or greater. If the expiration is set for less than 30 days you will get a warning (only applies to max-age currently).
<b>Use A CDN</b>	Applicable Objects	All static non-html content (css, js and images)
	What is checked	Checked to see if it is hosted on a known CDN (CNAME mapped to a known CDN network). 80% of the static resources need to be served from a CDN for the overall page to be considered using a CDN. The current list of known CDN's is <a href="#">here</a>

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 Error/Status Code: -2  
 where do I download wpt\_batch.py  
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