

IP Address Lookup



## WebGL Browser Report

### The #1 Data privacy solution

We help you make sure your website and apps comply with data privacy laws Usercentrics

WebGL is a JavaScript API for rendering interactive 3D graphics within any compatible web browser without the use of plug-ins. WebGL apps consist of a control code written in JavaScript and special effects code that is executed on a computer's GPU. WebGL elements can be mixed with other HTML elements and composited with other parts of the page or page background.

WebGL Browser Report checks WebGL support in your web browser, produce WebGL Device Fingerprinting, and shows the other WebGL and GPU capabilities more or less related web browser identity.

#### Your Web Browser :

User-Agent Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:67.0) Gecko/20100101 Firefox/67.0

#### WebGL Support Detection :

This browser supports WebGL ✓ True

This browser supports WebGL 2 ✓ True (88 of 88 new functions implemented) [more](#)

#### WebGL Context Info :

Supported Context Name(s) **webgl2, webgl, experimental-webgl**

GL Version WebGL 2.0

Shading Language Version WebGL GLSL ES 3.00

Vendor Mozilla

Renderer Mozilla

Antialiasing True

ANGLE True, Direct3D 11

Major Performance Caveat False

#### Debug Renderer Info :

Unmasked Vendor ! Google Inc.

Unmasked Renderer ! ANGLE (Intel(R) UHD Graphics Direct3D11 vs\_5\_0 ps\_5\_0)

#### WebGL Fingerprint :

WebGL Report Hash 33351D773A9C14281DD5C4C5A49B25B1

WebGL Image Hash 85BC68EE8B688A4BE56A9F94C354F8E4

WebGL Image



#### Vertex Shader :

Max Vertex Attributes 16

Max Vertex Uniform Vectors 4096

Max Vertex Texture Image Units 16

Max Varying Vectors 30

Best Float Precision [-2<sup>127</sup>, 2<sup>127</sup>] (23)

Max Vertex Uniform Components: 16384

WebGL 2 Only

Max Vertex Uniform Blocks: 12

WebGL 2 Only

Max Vertex Output Components: 120

WebGL 2 Only

Max Varying Components: 120

WebGL 2 Only

## Transform Feedback :

Max Interleaved Components:	120	WebGL 2 Only
Max Separate Attribs:	4	WebGL 2 Only
Max Separate Components:	30	WebGL 2 Only

## Rasterizer :

Aliased Line Width Range	[1, 1]
Aliased Point Size Range	[1, 1024]

## Fragment Shader :

Max Fragment Uniform Vectors	1024	
Max Texture Image Units	16	
Float/Int Precision:	highp/highp	
Best Float Precision	[-2 <sup>127</sup> , 2 <sup>127</sup> ] (23)	
Max Fragment Uniform Components:	4096	WebGL 2 Only
Max Fragment Uniform Blocks:	12	WebGL 2 Only
Max Fragment Input Components:	120	WebGL 2 Only
Min Program Texel Offset:	-8	WebGL 2 Only
Max Program Texel Offset:	7	WebGL 2 Only

## Framebuffer :

Max Draw Buffers:	8	WebGL 2 Only
Max Color Attachments:	8	WebGL 2 Only
Max Samples:	16	WebGL 2 Only
RGBA Bits	[8, 8, 8, 8]	
Depth / Stencil Bits:	[24, 8]	
Max Render Buffer Size	16384	
Max Viewport Dimensions	[32767, 32767]	

## Textures :

Max Texture Size	16384	
Max Cube Map Texture Size	16384	
Max Combined Texture Image Units	32	
Max Anisotropy	16	
Max 3D Texture Size:	2048	WebGL 2 Only
Max Array Texture Layers:	2048	WebGL 2 Only
Max Texture LOD Bias:	2	WebGL 2 Only

## Uniform Buffers :

Max Uniform Buffer Bindings:	24	WebGL 2 Only
Max Uniform Block Size:	65536	WebGL 2 Only
Uniform Buffer Offset Alignment:	256	WebGL 2 Only
Max Combined Uniform Blocks:	32	WebGL 2 Only
Max Combined Vertex Uniform Components:	212992	WebGL 2 Only
Max Combined Fragment Uniform Components:	200704	WebGL 2 Only

## WebGL Extensions :

Supported WebGL Extensions	<a href="#">EXT_color_buffer_float</a> <a href="#">EXT_float_blend</a> <a href="#">EXT_texture_filter_anisotropic</a> <a href="#">OES_texture_float_linear</a> <a href="#">WEBGL_compressed_texture_s3tc</a> <a href="#">WEBGL_compressed_texture_s3tc_srgb</a> <a href="#">WEBGL_lose_context</a>
Supported Privileged Extensions	<a href="#">WEBGL_debug_renderer_info</a>

[WEBGL debug shaders](#)

[What is WebGL Fingerprinting](#)

[How to Enable or Disable WebGL in Your Web Browser](#)

[Further Reading](#)

## Learn To Build Web Apps - Get Started With Xojo Today.

Create Quick & Easy Web Apps With Xojo! No HTML, CSS, JavaScript, AJAX, PHP. [xojo.com](#)

[Leave a Comment](#) (17)

