

Converting Colors

HunterLab(51.7589, 34.5986,
32.4997)

Have a look what the booklet for
HunterLab(51.7589, 34.5986,
32.4997) contains.

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Color

**HunterLab(51.7538, 34.3168,
32.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	E06D00
RGB	224, 109, 0
RGB Percent	88%, 43%, 0%
CMY	0.1216, 0.5725, 1.0000
CMYK	0.00, 0.51, 1.00, 0.12
HSL	29°, 100%, 44%
HSV	29°, 100%, 88%
XYZ	36.2091, 26.7846, 3.2615
YIQ	130.9590, 103.5290, -9.5190

Conversions

Conversions Part 2

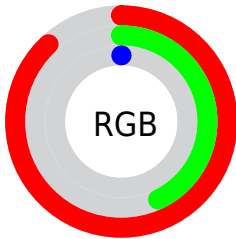
Format	Color
RYB	224, 212, 0
Decimal	14707968
CIELab	58.78, 40.16, 66.81
CIELCh	59, 77.947, 58.992
Yxy	26.7860, 0.5465, 0.4043
Android (android.graphics.Color)	4292898048 (0xFFE06D00)
YUV	130.9590, -64.5628, 81.5970
Hunter-Lab	51.7538, 34.3168, 32.4912

Details

The HunterLab color **51.7538, 34.3168, 32.4912** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **42.0037, 9.7231, -73.4897**, and the grayscale version is **47.8440, -2.5528, 2.5995**.

A 20% lighter version of the original color is **68.9245, 22.2697, 38.2929**, and **32.5625, 31.8804, 20.6230** is the 20% darker color. If you saturate the color by 10%, you get **51.7544, 34.3147, 32.4916**, and if you desaturate by 10%, it is **54.2788, 28.8815, 33.1001**.

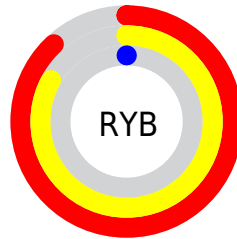
Distribution



Red (88%)

Green (43%)

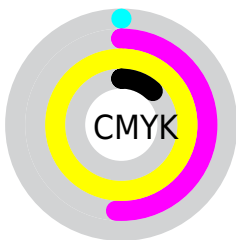
Blue (0%)



Red (88%)

Yellow (83%)

Blue (0%)

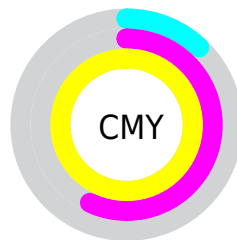


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7538, 34.3168, 32.4912 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.7538, 34.3168, 32.4912 by changing the saturation by 10% instead.

51.7538, 34.3168,
32.4912

51.7538, 34.3168,
32.4912

169.2985, 42.4816,
69.6089

41.7284, 32.9203,
27.4624

73.8514, 36.7541,
41.8466

32.4486, 31.4038,
22.7080

85.8429, 37.8197,
46.2214

23.9816, 29.7652,
16.7871

98.4211, 38.7925,
50.4281

16.4145, 28.0352,
11.4902

111.5600, 39.6795,
54.4889

9.8708, 26.3572,
6.9096

125.2364, 40.4868,
58.4226


0.0000, INF, NaN

0.0000, NaN, NaN


139.4302, 41.2198,


62.2451


0.0000, NaN, NaN


 154.1230, 41.8833,
65.9700


0.0000, NaN, NaN


 51.7538, 34.3168,
32.4912


 51.7538, 34.3168,
32.4912


 51.7544, 34.3147,
32.4916

 54.2788, 28.8815,
33.1001

 57.0434, 23.6595,
33.0038

 60.0434, 18.7674,
32.0512

 63.2639, 14.2565,
30.2492

 66.6886, 10.1493,
27.6404

■ 70.3011, 6.4484,
24.2847

■ 74.0861, 3.1432,
20.2479

■ 78.0290, 0.2148,
15.5957

■ 82.1169, -2.3603,
10.3904

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.7552, 65.5766, 24.4232



51.7538, 34.3168, 32.4912



51.7552, -1.6386, 34.1617

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7552, 34.3129, 32.4918



51.7552, -52.2997, 3.8722



51.7552, 31.8735, -83.1637

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.7538, 34.3168, 32.4912



42.0037, 9.7231, -73.4897

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.7552, -3.8805, -101.7834



51.7538, 34.3168, 32.4912



51.7552, -47.5308, -36.0034

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.7552, 34.3129, 32.4918



51.7552, -46.8302, 25.3224



51.7552, -31.6640, -80.6886



51.7552, 63.9370, -39.1356

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.7538, 34.3168, 32.4912



51.7552, -21.9073, 33.6033



51.7552, -31.6640, -80.6886



51.7552, 19.6420, -93.4870

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.7552, 34.3129, 32.4918



85.7125, 3.7200, 23.5630



41.3547, 73.8545, 3.2017



38.7832, 2.4498, 11.8591

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7552, 34.3129, 32.4918



59.7476, 40.2160, 37.5202



81.9593, -20.5875, 50.1424



38.4656, -1.1643, 4.7126



39.7739, 25.4976, 24.9548



11.2931, 4.8668, 7.0439

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.0037, 9.7231, -73.4897



48.4031, 11.7459, -85.8556



23.3731, 62.1590, -163.3967



37.9488, -2.7646, -0.7057



32.4044, 6.7252, -55.0206



9.5235, -0.0269, -11.8455

Previews

White Background



This preview shows how the HunterLab color 51.7538, 34.3168, 32.4912 looks on a white background.

Color Contrast Check

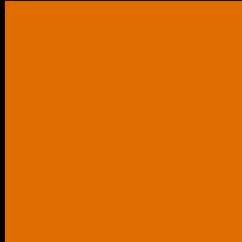
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.7538, 34.3168, 32.4912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.7538, 34.3168, 32.4912 Background



This preview shows how black text looks on a background with the HunterLab color 51.7538, 34.3168, 32.4912.



This preview shows how white text looks on a background with the HunterLab color 51.7538, 34.3168,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.7538, 34.3168, 32.4912

Protanopia

51.8364, -7.0481, 31.0610

Deuteranopia

51.8764, 2.9950, 32.0185



Tritanopia

51.6923, 44.3450, 16.3563

Trichromacy



Original Color

51.7538, 34.3168, 32.4912

Protanomaly

51.0506, 7.1089, 31.1393

Deuteranomaly

51.5013, 13.7348, 31.9753

Tritanomaly

51.4772, 39.5615, 25.9279

Monochromacy



Original Color

51.7538, 34.3168, 32.4912

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.7386, 6.7993, 19.3716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7538, 34.3168, 32.4912 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 109, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 109, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7538, 34.3168, 32.4912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 109, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 109, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 109, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 109,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7538, 34.3168, 32.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 109, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
109, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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