

Converting Colors

HunterLab(51.1154, 37.2431,
32.1491)

Have a look what the booklet for
HunterLab(51.1154, 37.2431,
32.1491) contains.

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Color

**HunterLab(51.2561, 37.1195,
32.2336)**

Conversions

Conversions Part 1

Format	Color
Hex	E26900
RGB	226, 105, 0
RGB Percent	89%, 41%, 0%
CMY	0.1137, 0.5882, 1.0000
CMYK	0.00, 0.54, 1.00, 0.11
HSL	28°, 100%, 44%
HSV	28°, 100%, 89%
XYZ	36.4156, 26.2719, 3.1517
YIQ	129.2090, 105.8210, -7.0030

Conversions

Conversions Part 2

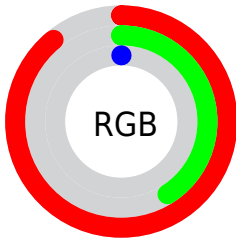
Format	Color
R_{YB}	226, 196, 0
Decimal	14838016
CIE _{Lab}	58.30, 42.91, 66.69
CIE _{LCh}	58, 79.299, 57.238
Yxy	26.2733, 0.5531, 0.3990
Android (android.graphics.Color)	4293028096 (0xFFE26900)
YUV	129.2090, -63.7000, 84.8857
Hunter-Lab	51.2561, 37.1195, 32.2336

Details

The HunterLab color **51.2561, 37.1195, 32.2336** 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 **43.7781, 7.2377, -70.3425**, and the grayscale version is **47.1506, -2.5158, 2.5618**.

A 20% lighter version of the original color is **67.9109, 24.3533, 37.6367**, and **32.1446, 34.6911, 20.4147** is the 20% darker color. If you saturate the color by 10%, you get **51.2568, 37.1171, 32.2340**, and if you desaturate by 10%, it is **53.8298, 31.4356, 32.8498**.

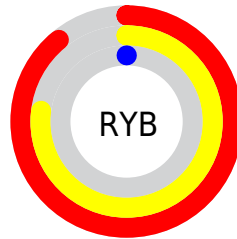
Distribution



Red (89%)

Green (41%)

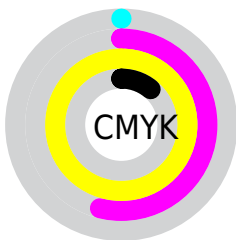
Blue (0%)



Red (89%)

Yellow (77%)

Blue (0%)

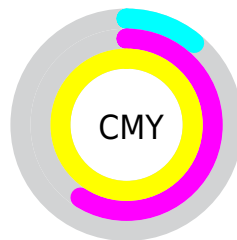


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2561, 37.1195, 32.2336 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 51.2561, 37.1195, 32.2336 by changing the saturation by 10% instead.

51.2561, 37.1195,
32.2336

51.2561, 37.1195,
32.2336

168.5590, 46.1979,
69.3536

41.2653, 35.6132,
27.2006

73.2909, 39.7747,
41.5948

32.0229, 33.9902,
22.4160

85.2535, 40.9466,
45.9709

23.5968, 32.2548,
16.5178

97.8042, 42.0235,
50.1781

16.0757, 30.4556,
11.2530

110.9166, 43.0121,
54.2388

9.5853, 28.7905,
6.7097

124.5678, 43.9187,
58.1717


0.0000, INF, NaN

0.0000, NaN, NaN


138.7371, 44.7487,


61.9930


0.0000, NaN, NaN


 153.4064, 45.5070,
65.7164


0.0000, NaN, NaN


 51.2561, 37.1195,
32.2336


 51.2561, 37.1195,
32.2336


 51.2568, 37.1171,
32.2340

 53.8298, 31.4356,
32.8498

 56.6698, 25.9354,
32.7544

 59.7694, 20.7501,
31.7986

 63.1104, 15.9408,
29.9947

 66.6737, 11.5359,
27.3917

■ 70.4405, 7.5408,
24.0550

■ 74.3930, 3.9457,
20.0549

■ 78.5149, 0.7315,
15.4601

■ 82.7913, -2.1262,
10.3347

Harmonies

Analogous

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



51.2575, 68.2752, 23.7006



51.2561, 37.1195, 32.2336



51.2575, 0.4121, 34.0407

Triad

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



51.2575, 37.1154, 32.2342



51.2575, -52.6211, 5.6635



51.2575, 30.3083, -87.4423

Complementary

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



51.2561, 37.1195, 32.2336



43.7781, 7.2377, -70.3425

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.



51.2575, -5.8133, -104.3725



51.2561, 37.1195, 32.2336



51.2575, -48.4585, -34.0598

Square

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



51.2575, 37.1154, 32.2342



51.2575, -46.5366, 26.1492



51.2575, -33.2217, -80.4610



51.2575, 63.6864, -42.8506

Rectangle

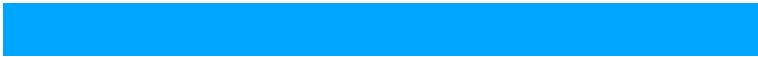
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.2561, 37.1195, 32.2336



51.2575, -20.5121, 33.6205



51.2575, -33.2217, -80.4610



51.2575, 17.8465, -97.4466

Sweetspot

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



51.2575, 37.1154, 32.2342



85.2113, 4.6040, 23.0972



41.9901, 75.3922, 0.1270



38.5220, 2.9160, 11.6244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2575, 37.1154, 32.2342



58.5917, 43.0112, 36.8569



80.3844, -17.2357, 49.2306



38.3992, -1.0522, 4.6408



39.0144, 27.3090, 24.5186



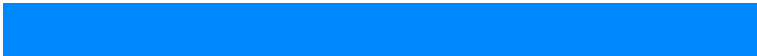
11.1037, 5.2774, 6.9344

Inverse Universe

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



43.7781, 7.2377, -70.3425



49.9755, 8.7220, -81.2934



23.9529, 61.2991, -162.2652



38.0165, -2.8756, -0.6232



33.4269, 4.7927, -52.1269



9.7633, -0.4324, -11.2698

Previews

White Background



This preview shows how the HunterLab color 51.2561, 37.1195, 32.2336 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 51.2561, 37.1195, 32.2336 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 51.2561, 37.1195, 32.2336 Background



This preview shows how black text looks on a background with the HunterLab color 51.2561, 37.1195, 32.2336.



This preview shows how white text looks on a background with the HunterLab color 51.2561, 37.1195,

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

51.2561, 37.1195, 32.2336

Protanopia

51.4537, -6.9293, 30.7667

Deuteranopia

51.4929, 3.0849, 31.7837



Tritanopia

51.3740, 46.2255, 17.3509

Trichromacy



Original Color

51.2561, 37.1195, 32.2336

Protanomaly

50.5319, 8.0760, 30.8321

Deuteranomaly

50.7622, 15.2115, 31.5457

Tritanomaly

51.1807, 41.6804, 26.2961

Monochromacy



Original Color

51.2561, 37.1195, 32.2336

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.8344, 7.7931, 18.8900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2561, 37.1195, 32.2336 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(226, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(226, 105, 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(226, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 105, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2561, 37.1195, 32.2336 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(226, 105, 0) }
```


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

```
.border{ border-color:rgb(226, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(226, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(226, 105,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2561, 37.1195, 32.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 105, 0) }
```

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

```
.background{ background-color: rgb(226,  
105, 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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