

Converting Colors

HunterLab(50.2718, 38.2348,
31.6466)

Have a look what the booklet for
HunterLab(50.2718, 38.2348,
31.6466) contains.

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Color

**HunterLab(50.1544, 38.1979,
31.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	E06500
RGB	224, 101, 0
RGB Percent	88%, 40%, 0%
CMY	0.1216, 0.6039, 1.0000
CMYK	0.00, 0.55, 1.00, 0.12
HSL	27°, 100%, 44%
HSV	27°, 100%, 88%
XYZ	35.3941, 25.1546, 2.9899
YIQ	126.2630, 105.7290, -5.3350

Conversions

Conversions Part 2

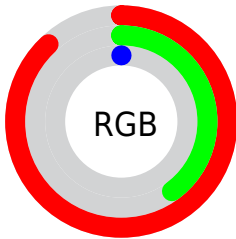
Format	Color
R_{YB}	224, 184, 0
Decimal	14705920
CIE _{Lab}	57.23, 44.09, 65.91
CIE _{LCh}	57, 79.299, 56.221
Yxy	25.1561, 0.5570, 0.3959
Android (android.graphics.Color)	4292896000 (0xFFE06500)
YUV	126.2630, -62.2477, 85.7153
Hunter-Lab	50.1544, 38.1979, 31.5736

Details

The HunterLab color **50.1544, 38.1979, 31.5736** 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 **44.2123, 5.5443, -67.2295**, and the grayscale version is **45.9882, -2.4538, 2.4986**.

A 20% lighter version of the original color is **66.9063, 26.3914, 37.1219**, and **31.2629, 35.4809, 19.8852** is the 20% darker color. If you saturate the color by 10%, you get **50.1551, 38.1956, 31.5740**, and if you desaturate by 10%, it is **52.7121, 32.4669, 32.1722**.

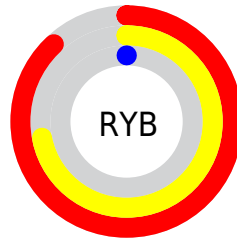
Distribution



Red (88%)

Green (40%)

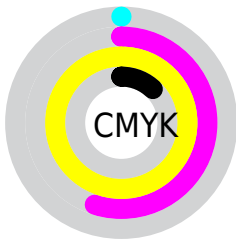
Blue (0%)



Red (88%)

Yellow (72%)

Blue (0%)

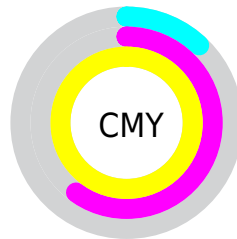


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1544, 38.1979, 31.5736 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 50.1544, 38.1979, 31.5736 by changing the saturation by 10% instead.

50.1544, 38.1979,
31.5736

50.1544, 38.1979,
31.5736

166.9174, 47.7306,
68.4501

40.2410, 36.6358,
26.5632

72.0488, 40.9636,
40.8847

31.0823, 34.9590,
21.7576

83.9468, 42.1889,
45.2338

22.7482, 33.1776,
15.9238

96.4359, 43.3177,
49.4136

15.3304, 31.3555,
10.7313

109.4895, 44.3569,
53.4463

8.9448, 29.8515,
6.2613

123.0842, 45.3125,
57.3512

0.0000, INF, NaN

0.0000, NaN, NaN

137.1990, 46.1901,

61.1447

0.0000, NaN, NaN

151.8157, 46.9947,
64.8404

0.0000, NaN, NaN

50.1544, 38.1979,
31.5736

50.1544, 38.1979,
31.5736

50.1551, 38.1956,
31.5740

52.7121, 32.4669,
32.1722

55.5486, 26.8941,
32.0706

58.6558, 21.6194,
31.1214

62.0138, 16.7095,
29.3409

65.6020, 12.1963,
26.7812

■ 69.4001, 8.0873,
23.5099

■ 73.3892, 4.3737,
19.5986

■ 77.5520, 1.0366,
15.1166

■ 81.8728, -1.9482,
10.1278

Harmonies

Analogous

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



50.1558, 68.8000, 22.8979



50.1544, 38.1979, 31.5736



50.1558, 1.6190, 33.4251

Triad

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



50.1558, 38.1938, 31.5742



50.1558, -51.9730, 6.5874



50.1558, 28.9204, -88.6355

Complementary

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



50.1544, 38.1979, 31.5736



44.2123, 5.5443, -67.2295

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.



50.1558, -6.8367, -104.2735



50.1544, 38.1979, 31.5736



50.1558, -48.2219, -32.3991

Square

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



50.1558, 38.1938, 31.5742



50.1558, -45.6307, 26.1849



50.1558, -33.5892, -79.0633



50.1558, 62.5376, -44.4170

Rectangle

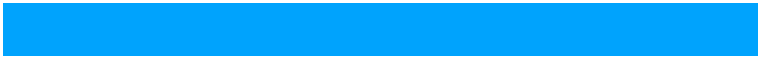
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.1544, 38.1979, 31.5736



50.1558, -19.3667, 33.0845



50.1558, -33.5892, -79.0633



50.1558, 16.5236, -98.2856

Sweetspot

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



50.1558, 38.1938, 31.5742



84.9002, 5.1555, 22.8071



41.5722, 74.6448, 0.1031



38.3599, 3.2068, 11.4782

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1558, 38.1938, 31.5742



57.8943, 44.7325, 36.4573



79.5832, -17.0663, 48.7399



38.3578, -0.9824, 4.5960



38.5553, 28.4262, 24.2553



10.9880, 5.5325, 6.8676

Inverse Universe

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



44.2123, 5.5443, -67.2295



50.9718, 6.8597, -78.5184



23.7190, 60.6636, -160.6009



38.0587, -2.9447, -0.5718



34.0741, 3.6023, -50.3660



9.9143, -0.6828, -10.9181

Previews

White Background



This preview shows how the HunterLab color 50.1544, 38.1979, 31.5736 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 50.1544, 38.1979, 31.5736 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 50.1544, 38.1979, 31.5736 Background



This preview shows how black text looks on a background with the HunterLab color 50.1544, 38.1979, 31.5736.



This preview shows how white text looks on a background with the HunterLab color 50.1544, 38.1979,

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

50.1544, 38.1979, 31.5736

Protanopia

50.1993, -6.9842, 29.9723

Deuteranopia

50.2307, 2.9684, 31.0039



Tritanopia

50.2557, 46.9564, 17.5655

Trichromacy



Original Color

50.1544, 38.1979, 31.5736

Protanomaly

49.3959, 8.3385, 30.1265

Deuteranomaly

49.6381, 15.4572, 30.8574

Tritanomaly

50.0882, 42.6497, 25.8692

Monochromacy



Original Color

50.1544, 38.1979, 31.5736

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.8074, 8.3306, 18.5489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1544, 38.1979, 31.5736 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, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 101, 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, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 101, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1544, 38.1979, 31.5736 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, 101, 0) }
```


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

```
.border{ border-color:rgb(224, 101, 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, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 101,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1544, 38.1979, 31.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 101, 0) }
```

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

```
.background{ background-color: rgb(224,  
101, 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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