

Converting Colors

HunterLab(49.8672, 47.8033,
31.5648)

Have a look what the booklet for
HunterLab(49.8672, 47.8033,
31.5648) contains.

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Color

**HunterLab(49.8044, 47.5581,
31.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5A00
RGB	234, 90, 0
RGB Percent	92%, 35%, 0%
CMY	0.0824, 0.6470, 1.0000
CMYK	0.00, 0.62, 1.00, 0.08
HSL	23°, 100%, 46%
HSV	23°, 100%, 92%
XYZ	37.5879, 24.8048, 2.8067
YIQ	122.7960, 114.7140, 2.5380

Conversions

Conversions Part 2

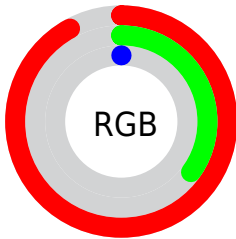
Format	Color
R_YB	234, 146, 0
Decimal	15358464
CIE Lab	56.89, 52.84, 66.58
CIE LCh	57, 85.004, 51.563
Yxy	24.8062, 0.5765, 0.3805
Android (android.graphics.Color)	4293548544 (0xFFEA5A00)
YUV	122.7960, -60.5384, 97.5259
Hunter-Lab	49.8044, 47.5581, 31.5218

Details

The HunterLab color **49.8044, 47.5581, 31.5218** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **50.8780, -1.9447, -59.3946**, and the grayscale version is **44.6242, -2.3810, 2.4245**.

A 20% lighter version of the original color is **64.7244, 31.0217, 35.8448**, and **30.9501, 44.4249, 19.8490** is the 20% darker color. If you saturate the color by 10%, you get **49.8052, 47.5551, 31.5223**, and if you desaturate by 10%, it is **52.4775, 41.0992, 32.1158**.

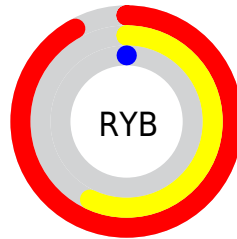
Distribution



Red (92%)

Green (35%)

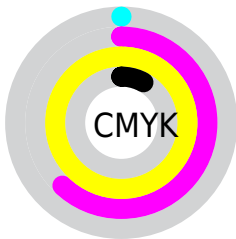
Blue (0%)



Red (92%)

Yellow (57%)

Blue (0%)

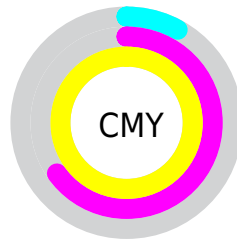


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8044, 47.5581, 31.5218 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 49.8044, 47.5581, 31.5218 by changing the saturation by 10% instead.

49.8044, 47.5581,
31.5218

49.8044, 47.5581,
31.5218

166.3946, 59.7736,
68.7773

39.9158, 45.6977,
26.4602

71.6538, 50.9411,
40.9327

30.7840, 43.7474,
21.5488

83.5311, 52.4752,
45.3284

22.4796, 41.7479,
15.7357

96.0006, 53.9094,
49.5521

15.0950, 39.8394,
10.5665

109.0353, 55.2493,
53.6265

8.7312, 38.7647,
6.1118

122.6119, 56.5006,
57.5710

0.0000, INF, NaN

0.0000, NaN, NaN

136.7093, 57.6686,

61.4020

0.0000, NaN, NaN

151.3091, 58.7581,
65.1334

0.0000, NaN, NaN

49.8044, 47.5581,
31.5218

49.8044, 47.5581,
31.5218

49.8052, 47.5551,
31.5223

52.4775, 41.0992,
32.1158

55.5374, 34.6328,
31.9790

58.9652, 28.3714,
30.9703

62.7296, 22.4344,
29.1249

66.7979, 16.8868,
26.5167

■ 71.1390, 11.7546,
23.2321

■ 75.7246, 7.0368,
19.3571

■ 80.5291, 2.7164,
14.9702

■ 85.5302, -1.2327,
10.1406

Harmonies

Analogous

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



49.8058, 78.5278, 21.2234



49.8044, 47.5581, 31.5218



49.8058, 7.8087, 33.6992

Triad

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



49.8058, 47.5536, 31.5224



49.8058, -53.9689, 11.3660



49.8058, 25.1377, -104.1495

Complementary

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



49.8044, 47.5581, 31.5218



50.8780, -1.9447, -59.3946

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.



49.8058, -12.3300, -114.6476



49.8044, 47.5581, 31.5218



49.8058, -51.7446, -27.7240

Square

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



49.8058, 47.5536, 31.5224



49.8058, -45.8039, 28.6071



49.8058, -38.5297, -80.2581



49.8058, 63.2563, -57.2981

Rectangle

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



49.8044, 47.5581, 31.5218



49.8058, -15.6762, 33.6302



49.8058, -38.5297, -80.2581



49.8058, 11.8470, -112.9327

Sweetspot

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



49.8058, 47.5536, 31.5224



83.4085, 7.8288, 21.4053



44.1761, 80.2311, -6.9496



37.5842, 4.6171, 10.7728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8058, 47.5536, 31.5224



54.7823, 52.7623, 34.6803



78.7228, -10.3983, 48.3264



40.0049, -0.6678, 4.6035



37.6366, 34.8498, 23.8016



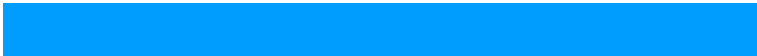
11.3734, 7.6894, 7.1428

Inverse Universe

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



50.8780, -1.9447, -59.3946



55.9515, -1.9110, -65.8092



25.9585, 59.4386, -160.7560



40.1153, -3.4434, -0.3524



38.4668, -2.0039, -43.7543



11.6069, -1.8904, -10.4268

Previews

White Background



This preview shows how the HunterLab color 49.8044, 47.5581, 31.5218 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 49.8044, 47.5581, 31.5218 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 49.8044, 47.5581, 31.5218 Background



This preview shows how black text looks on a background with the HunterLab color 49.8044, 47.5581, 31.5218.



This preview shows how white text looks on a background with the HunterLab color 49.8044, 47.5581,

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

49.8044, 47.5581, 31.5218

Protanopia

49.8229, -6.8420, 29.6162

Deuteranopia

49.8493, 3.0578, 30.7704



Tritanopia

49.8947, 54.2316, 20.4634

Trichromacy



Original Color

49.8044, 47.5581, 31.5218

Protanomaly

48.5126, 11.9873, 29.5507

Deuteranomaly

48.8504, 19.1498, 30.4366

Tritanomaly

49.6116, 51.0790, 26.8386

Monochromacy



Original Color

49.8044, 47.5581, 31.5218

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.3908, 11.4391, 17.9268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8044, 47.5581, 31.5218 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(234, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 90, 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(234, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 90, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8044, 47.5581, 31.5218 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(234, 90, 0) }
```


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

```
.border{ border-color:rgb(234, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(234, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.8044, 47.5581, 31.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 90, 0) }
```

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

```
.background{ background-color: rgb(234, 90,  
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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