

Converting Colors

HunterLab(49.3676, 49.2608,
31.2825)

Have a look what the booklet for
HunterLab(49.3676, 49.2608,
31.2825) contains.

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Color

**HunterLab(49.4758, 49.3210,
31.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5700
RGB	235, 87, 0
RGB Percent	92%, 34%, 0%
CMY	0.0784, 0.6588, 1.0000
CMYK	0.00, 0.63, 1.00, 0.08
HSL	22°, 100%, 46%
HSV	22°, 100%, 92%
XYZ	37.6691, 24.4785, 2.7395
YIQ	121.3340, 116.1350, 4.3190

Conversions

Conversions Part 2

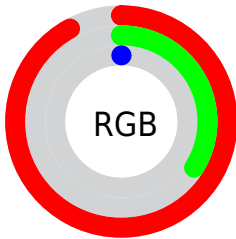
Format	Color
R_{YB}	235, 138, 0
Decimal	15423232
CIE _{Lab}	56.57, 54.49, 66.51
CIE _{LCh}	57, 85.978, 50.671
Yxy	24.4800, 0.5805, 0.3773
Android (android.graphics.Color)	4293613312 (0xFFEB5700)
YUV	121.3340, -59.8177, 99.6851
Hunter-Lab	49.4758, 49.3210, 31.3502

Details

The HunterLab color **49.4758, 49.3210, 31.3502** 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 **52.1308, -3.6260, -57.3311**, and the grayscale version is **44.0517, -2.3505, 2.3934**.

A 20% lighter version of the original color is **64.0126, 32.5300, 35.5211**, and **30.5449, 45.7137, 19.6219** is the 20% darker color. If you saturate the color by 10%, you get **49.4767, 49.3177, 31.3507**, and if you desaturate by 10%, it is **52.1451, 42.7723, 31.9283**.

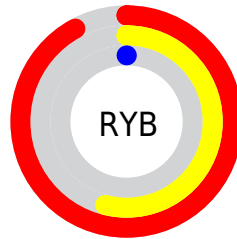
Distribution



Red (92%)

Green (34%)

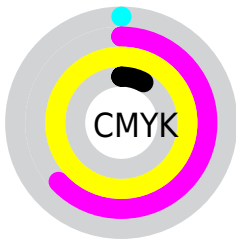
Blue (0%)



Red (92%)

Yellow (54%)

Blue (0%)

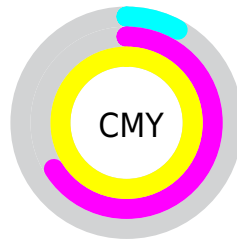


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4758, 49.3210, 31.3502 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 49.4758, 49.3210, 31.3502 by changing the saturation by 10% instead.

49.4758, 49.3210,
31.3502

49.4758, 49.3210,
31.3502

165.9030, 62.0433,
68.6099

39.6107, 47.4072,
26.2855

71.2828, 52.8185,
40.7657

30.5042, 45.4107,
21.3530

83.1406, 54.4107,
45.1626

22.2277, 43.3812,
15.5594

95.5915, 55.9027,
49.3871

14.8745, 41.4813,
10.4122

108.6085, 57.2997,
53.4617

8.5253, 40.7203,
5.9677

122.1679, 58.6073,
57.4059

0.0000, INF, NaN

0.0000, NaN, NaN

136.2490, 59.8306,

61.2364

0.0000, NaN, NaN

150.8329, 60.9744,
64.9671

0.0000, NaN, NaN

49.4758, 49.3210,
31.3502

49.4758, 49.3210,
31.3502

49.4767, 49.3177,
31.3507

52.1451, 42.7723,
31.9283

55.2257, 36.1645,
31.7751

58.6966, 29.7293,
30.7514

62.5234, 23.6009,
28.8968

66.6709, 17.8543,
26.2897

■ 71.1052, 12.5209,
23.0204

■ 75.7957, 7.6028,
19.1773

■ 80.7150, 3.0841,
14.8403

■ 85.8391, -1.0613,
10.0787

Harmonies

Analogous

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



49.4772, 80.2093, 20.7550



49.4758, 49.3210, 31.3502



49.4772, 9.0867, 33.5713

Triad

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



49.4772, 49.3164, 31.3508



49.4772, -54.0970, 12.2231



49.4772, 24.2403, -107.0215

Complementary

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



49.4758, 49.3210, 31.3502



52.1308, -3.6260, -57.3311

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.



49.4772, -13.3719, -116.3087



49.4758, 49.3210, 31.3502



49.4772, -52.1802, -26.6459

Square

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



49.4772, 49.3164, 31.3508



49.4772, -45.6094, 28.8895



49.4772, -39.3154, -80.1156



49.4772, 63.0942, -59.8568

Rectangle

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



49.4758, 49.3210, 31.3502



49.4772, -14.8187, 33.5420



49.4772, -39.3154, -80.1156



49.4772, 10.8382, -115.5563

Sweetspot

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



49.4772, 49.3164, 31.3508



83.0871, 8.4113, 21.1010



44.5273, 81.1149, -8.9111



37.4174, 4.9245, 10.6197

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4772, 49.3164, 31.3508



54.1653, 54.4275, 34.3293



77.9034, -8.5352, 47.8542



39.9593, -0.5903, 4.5539



37.2128, 35.9776, 23.5602



11.2520, 7.9815, 7.0732

Inverse Universe

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



52.1308, -3.6260, -57.3311



57.0667, -3.7676, -63.1953



26.4496, 58.2783, -158.8652



40.1622, -3.5198, -0.2956



39.2134, -3.2339, -42.0322



11.7917, -2.1752, -10.0430

Previews

White Background



This preview shows how the HunterLab color 49.4758, 49.3210, 31.3502 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 49.4758, 49.3210, 31.3502 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 49.4758, 49.3210, 31.3502 Background



This preview shows how black text looks on a background with the HunterLab color 49.4758, 49.3210, 31.3502.



This preview shows how white text looks on a background with the HunterLab color 49.4758, 49.3210,

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

49.4758, 49.3210, 31.3502

Protanopia

49.7288, -7.1692, 29.4869

Deuteranopia

49.4683, 3.1471, 30.5373



Tritanopia

49.5593, 55.7100, 20.9808

Trichromacy



Original Color

49.4758, 49.3210, 31.3502

Protanomaly

48.2653, 12.4738, 29.4041

Deuteranomaly

48.6176, 19.6416, 30.3018

Tritanomaly

49.2902, 52.7135, 26.9475

Monochromacy



Original Color

49.4758, 49.3210, 31.3502

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.7658, 11.9484, 17.6658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4758, 49.3210, 31.3502 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(235, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 87, 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(235, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4758, 49.3210, 31.3502 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(235, 87, 0) }
```


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

```
.border{ border-color:rgb(235, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.4758, 49.3210, 31.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 87, 0) }
```

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

```
.background{ background-color: rgb(235, 87,  
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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