

Converting Colors

HunterLab(49.6808, 47.7713,
31.4425)

Have a look what the booklet for
HunterLab(49.6808, 47.7713,
31.4425) contains.

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Color

**HunterLab(49.6359, 48.0090,
31.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5900
RGB	234, 89, 0
RGB Percent	92%, 35%, 0%
CMY	0.0824, 0.6509, 1.0000
CMYK	0.00, 0.62, 1.00, 0.08
HSL	23°, 100%, 46%
HSV	23°, 100%, 92%
XYZ	37.5041, 24.6372, 2.7788
YIQ	122.2090, 114.9890, 3.0610

Conversions

Conversions Part 2

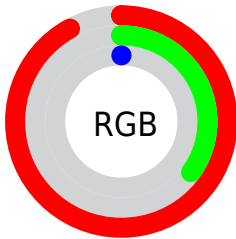
Format	Color
RYB	234, 144, 0
Decimal	15358208
CIELab	56.72, 53.28, 66.50
CIELCh	57, 85.208, 51.297
Yxy	24.6387, 0.5777, 0.3795
Android (android.graphics.Color)	4293548288 (0xFFEA5900)
YUV	122.2090, -60.2490, 98.0407
Hunter-Lab	49.6359, 48.0090, 31.4259

Details

The HunterLab color **49.6359, 48.0090, 31.4259** 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 **51.1757, -2.4426, -58.6921**, and the grayscale version is **44.3943, -2.3688, 2.4120**.

A 20% lighter version of the original color is **64.4889, 31.5395, 35.6920**, and **30.8643, 44.6959, 19.8009** is the 20% darker color. If you saturate the color by 10%, you get **49.6369, 48.0057, 31.4264**, and if you desaturate by 10%, it is **52.3047, 41.5318, 32.0139**.

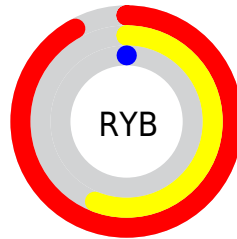
Distribution



Red (92%)

Green (35%)

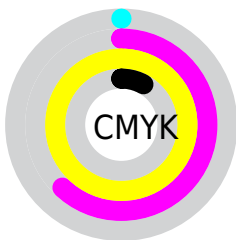
Blue (0%)



Red (92%)

Yellow (56%)

Blue (0%)

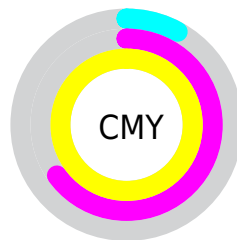


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6359, 48.0090, 31.4259 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 49.6359, 48.0090, 31.4259 by changing the saturation by 10% instead.

49.6359, 48.0090,
31.4259

49.6359, 48.0090,
31.4259

166.1426, 60.3658,
68.6601

39.7593, 46.1335,
26.3657

71.4636, 51.4243,
40.8332

30.6405, 44.1700,
21.4484

83.3309, 52.9747,
45.2267

22.3504, 42.1621,
15.6453

95.7908, 54.4250,
49.4481

14.9819, 40.2571,
10.4873

108.8165, 55.7808,
53.5200

8.6263, 39.3105,
6.0384

122.3843, 57.0477,
57.4619

0.0000, INF, NaN

0.0000, NaN, NaN

136.4733, 58.2310,

61.2902

0.0000, NaN, NaN

151.0650, 59.3356,
65.0190

0.0000, NaN, NaN

49.6359, 48.0090,
31.4259

49.6359, 48.0090,
31.4259

49.6369, 48.0057,
31.4264

52.3047, 41.5318,
32.0139

55.3667, 35.0326,
31.8722

58.8027, 28.7289,
30.8603

62.5802, 22.7443,
29.0149

66.6661, 17.1464,
26.4108

■ 71.0284, 11.9626,
23.1355

■ 75.6382, 7.1929,
19.2757

■ 80.4694, 2.8206,
14.9100

■ 85.4994, -1.1805,
10.1077

Harmonies

Analogous

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



49.6373, 78.9103, 21.0550



49.6359, 48.0090, 31.4259



49.6373, 8.1742, 33.6130

Triad

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



49.6373, 48.0045, 31.4265



49.6373, -53.9299, 11.6058



49.6373, 24.8358, -104.8430

Complementary

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



49.6359, 48.0090, 31.4259



51.1757, -2.4426, -58.6921

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.



49.6373, -12.6216, -114.9714



49.6359, 48.0090, 31.4259



49.6373, -51.8004, -27.3644

Square

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



49.6373, 48.0045, 31.4265



49.6373, -45.6807, 28.6522



49.6373, -38.7084, -80.1005



49.6373, 63.1175, -57.9661

Rectangle

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



49.6359, 48.0090, 31.4259



49.6373, -15.4006, 33.5567



49.6373, -38.7084, -80.1005



49.6373, 11.5310, -113.5411

Sweetspot

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



49.6373, 48.0045, 31.4265



83.3131, 8.0015, 21.3151



44.3135, 80.7269, -8.8785



37.5347, 4.7082, 10.7274

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6373, 48.0045, 31.4265



54.5971, 53.2595, 34.5749



77.5305, -8.4977, 47.6251



39.9914, -0.6448, 4.5888



37.5095, 35.1863, 23.7292



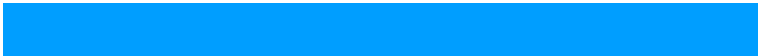
11.3371, 7.7762, 7.1220

Inverse Universe

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



51.1757, -2.4426, -58.6921



56.2810, -2.4633, -65.0289



26.3271, 57.9786, -158.0652



40.1292, -3.4661, -0.3355



38.6874, -2.3698, -43.2403



11.6616, -1.9751, -10.3124

Previews

White Background



This preview shows how the HunterLab color 49.6359, 48.0090, 31.4259 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 49.6359, 48.0090, 31.4259 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 49.6359, 48.0090, 31.4259 Background



This preview shows how black text looks on a background with the HunterLab color 49.6359, 48.0090, 31.4259.



This preview shows how white text looks on a background with the HunterLab color 49.6359, 48.0090,

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

49.6359, 48.0090, 31.4259

Protanopia

49.8229, -6.8420, 29.6162

Deuteranopia

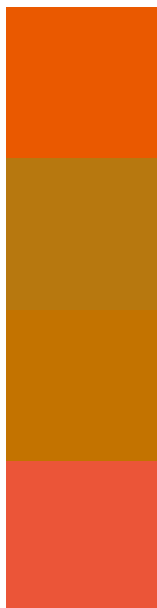
49.7352, 2.6738, 30.6934



Tritanopia

49.7232, 54.5934, 20.5861

Trichromacy



Original Color

49.6359, 48.0090, 31.4259

Protanomaly

48.5126, 11.9873, 29.5507

Deuteranomaly

48.8504, 19.1498, 30.4366

Tritanomaly

49.4416, 51.4755, 26.8802

Monochromacy



Original Color

49.6359, 48.0090, 31.4259

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.1457, 11.9241, 17.7308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6359, 48.0090, 31.4259 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, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 89, 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, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 89, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6359, 48.0090, 31.4259 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, 89, 0) }
```


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

```
.border{ border-color:rgb(234, 89, 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, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.6359, 48.0090, 31.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 89, 0) }
```

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

```
.background{ background-color: rgb(234, 89,  
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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