

Converting Colors

HunterLab(49.2840, 47.2452,
31.1957)

Have a look what the booklet for
HunterLab(49.2840, 47.2452,
31.1957) contains.

| | |
|---|----|
| HunterLab(49.2956, 47.1710, 31.2015) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(49.2956, 47.1710,
31.2015)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E85900 |
| RGB | 232, 89, 0 |
| RGB Percent | 91%, 35%, 0% |
| CMY | 0.0902, 0.6509, 1.0000 |
| CMYK | 0.00, 0.62, 1.00, 0.09 |
| HSL | 23°, 100%, 45% |
| HSV | 23°, 100%, 91% |
| XYZ | 36.8511, 24.3006, 2.7482 |
| YIQ | 121.6110, 113.7970, 2.6370 |

Conversions

Conversions Part 2

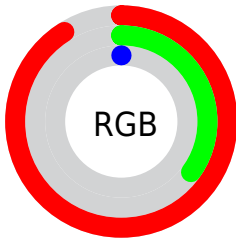
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 232, 144, 0 |
| Decimal | 15227136 |
| CIE _{Lab} | 56.39, 52.57, 66.14 |
| CIE _{LCh} | 56, 84.488, 51.519 |
| Yxy | 24.3020, 0.5767, 0.3803 |
| Android (android.graphics.Color) | 4293417216 (0xFFE85900) |
| YUV | 121.6110, -59.9542, 96.8112 |
| Hunter-Lab | 49.2956, 47.1710, 31.2015 |

Details

The HunterLab color **49.2956, 47.1710, 31.2015** 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 **50.4676, -2.0625, -58.6273**, and the grayscale version is **44.1606, -2.3563, 2.3993**.

A 20% lighter version of the original color is **64.4800, 31.4956, 35.8236**, and **30.5038, 43.9821, 19.5663** is the 20% darker color. If you saturate the color by 10%, you get **49.2964, 47.1680, 31.2020**, and if you desaturate by 10%, it is **51.9426, 40.7733, 31.7829**.

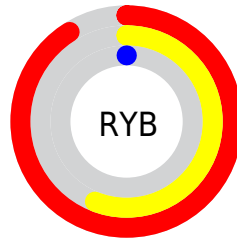
Distribution



Red (91%)

Green (35%)

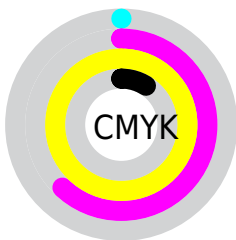
Blue (0%)



Red (91%)

Yellow (56%)

Blue (0%)

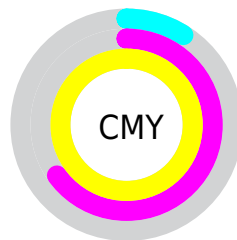


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2956, 47.1710, 31.2015 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 49.2956, 47.1710, 31.2015 by changing the saturation by 10% instead.

49.2956, 47.1710,
31.2015

49.2956, 47.1710,
31.2015

165.6332, 59.3480,
68.3018

39.4433, 45.3139,
26.1556

71.0792, 50.5470,
40.5786

30.3509, 43.3669,
21.2456

82.9263, 52.0771,
44.9567

22.0898, 41.3725,
15.4628

95.3670, 53.5071,
49.1628

14.7539, 39.4765,
10.3277

108.3742, 54.8426,
53.2196

8.4100, 38.7509,
5.8870

121.9243, 56.0893,
57.1466

0.0000, INF, NaN

0.0000, NaN, NaN

135.9963, 57.2526,

60.9603

0.0000, NaN, NaN

150.5715, 58.3374,
64.6747

0.0000, NaN, NaN

49.2956, 47.1710,
31.2015

49.2956, 47.1710,
31.2015

49.2964, 47.1680,
31.2020

51.9426, 40.7733,
31.7829

54.9735, 34.3655,
31.6429

58.3698, 28.1588,
30.6405

62.1000, 22.2722,
28.8114

66.1318, 16.7705,
26.2287

■ 70.4343, 11.6793,
22.9782

■ 74.9793, 6.9982,
19.1451

■ 79.7415, 2.7101,
14.8071

■ 84.6986, -1.2106,
10.0325

Harmonies

Analogous

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



49.2970, 77.8302, 20.9910



49.2956, 47.1710, 31.2015



49.2970, 7.7922, 33.3595

Triad

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



49.2970, 47.1665, 31.2021



49.2970, -53.4407, 11.2950



49.2970, 24.8457, -103.2541

Complementary

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



49.2956, 47.1710, 31.2015



50.4676, -2.0625, -58.6273

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.



49.2970, -12.2580, -113.5911



49.2956, 47.1710, 31.2015



49.2970, -51.2533, -27.3977

Square

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



49.2970, 47.1665, 31.2021



49.2970, -45.3411, 28.3380



49.2970, -38.1861, -79.4565



49.2970, 62.6222, -56.8517

Rectangle

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



49.2956, 47.1710, 31.2015



49.2970, -15.4801, 33.2932



49.2970, -38.1861, -79.4565



49.2970, 11.6813, -111.9386

Sweetspot

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



49.2970, 47.1665, 31.2021



83.3862, 7.8691, 21.3843



43.7505, 79.4608, -6.9035



37.5727, 4.6383, 10.7622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2970, 47.1665, 31.2021



54.7390, 52.8784, 34.6556



77.9656, -10.3042, 47.8615



39.0767, -0.6509, 4.4879



37.0363, 34.3321, 23.4226



10.9038, 7.2386, 6.8456

Inverse Universe

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



50.4676, -2.0625, -58.6273



56.0282, -2.0398, -65.6270



25.7164, 58.8282, -159.1357



39.1905, -3.3660, -0.3342



37.9348, -2.0897, -42.9040



11.1437, -1.8985, -9.8302

Previews

White Background



This preview shows how the HunterLab color 49.2956, 47.1710, 31.2015 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 49.2956, 47.1710, 31.2015 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 49.2956, 47.1710, 31.2015 Background



This preview shows how black text looks on a background with the HunterLab color 49.2956, 47.1710, 31.2015.



This preview shows how white text looks on a background with the HunterLab color 49.2956, 47.1710,

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

49.2956, 47.1710, 31.2015

Protanopia

49.4393, -6.7427, 29.3741

Deuteranopia

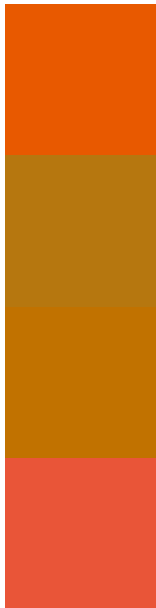
49.3543, 2.7632, 30.4602



Tritanopia

49.3797, 53.7925, 20.2838

Trichromacy



Original Color

49.2956, 47.1710, 31.2015

Protanomaly

48.1386, 12.0719, 29.3175

Deuteranomaly

48.3447, 18.8150, 30.1192

Tritanomaly

49.0980, 50.6549, 26.6227

Monochromacy



Original Color

49.2956, 47.1710, 31.2015

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.0265, 11.5474, 17.6245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2956, 47.1710, 31.2015 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(232, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 89, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2956, 47.1710, 31.2015 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(232, 89, 0) }
```


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

```
.border{ border-color:rgb(232, 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(232, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.2956, 47.1710, 31.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 89, 0) }
```

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

```
.background{ background-color: rgb(232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor