

Converting Colors

HunterLab(49.7101, 57.0181,
31.1752)

Have a look what the booklet for
HunterLab(49.7101, 57.0181,
31.1752) contains.

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Color

**HunterLab(49.7101, 57.0181,
31.1752)**

Conversions

Conversions Part 1

Format	Color
Hex	F44E0D
RGB	244, 78, 13
RGB Percent	96%, 31%, 5%
CMY	0.0431, 0.6941, 0.9490
CMYK	0.00, 0.68, 0.95, 0.04
HSL	17°, 91%, 50%
HSV	17°, 95%, 96%
XYZ	40.1053, 24.7109, 3.0367
YIQ	120.2240, 119.8010, 14.9770

Conversions

Conversions Part 2

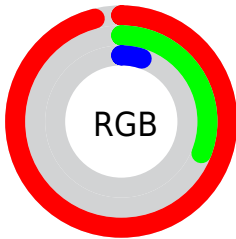
Format	Color
R_{YB}	244, 103, 13
Decimal	16010765
CIE Lab	56.79, 61.26, 64.85
CIE LCh	57, 89.209, 46.634
Yxy	24.7124, 0.5910, 0.3642
Android (android.graphics.Color)	4294200845 (0xFFFF44E0D)
YUV	120.2240, -52.8614, 108.5516
Hunter-Lab	49.7101, 57.0181, 31.1752

Details

The HunterLab color **49.7101, 57.0181, 31.1752** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **62.3327, -15.6888, -43.2749**, and the grayscale version is **43.5933, -2.3260, 2.3685**.

A 20% lighter version of the original color is **62.4741, 36.4137, 33.6347**, and **30.9576, 53.0158, 20.0040** is the 20% darker color. If you saturate the color by 10%, you get **48.4236, 60.5536, 30.8985**, and if you desaturate by 10%, it is **52.5851, 49.8309, 31.2640**.

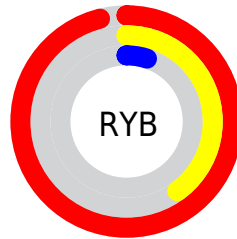
Distribution



Red (96%)

Green (31%)

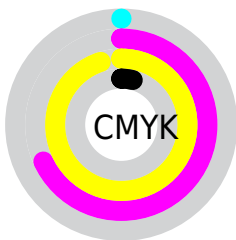
Blue (5%)



Red (96%)

Yellow (40%)

Blue (5%)

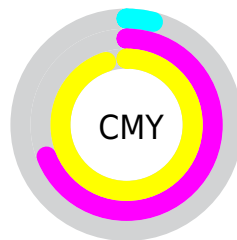


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7101, 57.0181, 31.1752 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 49.7101, 57.0181, 31.1752 by changing the saturation by 10% instead.

49.7101, 57.0181,
31.1752

49.7101, 57.0181,
31.1752

166.2536, 71.6272,
67.5804

39.8283, 54.9180,
26.2221

71.5474, 60.9276,
40.3713

30.7038, 52.7675,
21.4926

83.4191, 62.7336,
44.6646

22.4073, 50.6475,
15.6851

95.8833, 64.4401,
48.7900

15.0317, 48.7957,
10.5222

108.9129, 66.0510,
52.7702

8.6727, 48.3347,
6.0709

122.4846, 67.5705,
56.6243


0.0000, INF, NaN

0.0000, INF, NaN


136.5773, 69.0035,


60.3686


0.0000, NaN, NaN


 151.1726, 70.3543,
64.0167


0.0000, NaN, NaN


 49.7101, 57.0181,
31.1752

 49.7101, 57.0181,
31.1752


 48.4236, 60.5536,
30.8985

 52.5851, 49.8309,
31.2640

 56.0412, 42.3481,
30.4820

 60.0303, 34.8797,
28.8631

 64.4957, 27.6391,
26.5059

 69.3812, 20.7499,
23.5270

■ 74.6351, 14.2688,
20.0369

■ 80.2117, 8.2078,
16.1305

■ 86.0717, 2.5518,
11.8852

■ 92.1818, -2.7280,
7.3619

Harmonies

Analogous

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



49.7116, 86.7547, 18.5794



49.7101, 57.0181, 31.1752



49.7116, 15.0924, 33.8702

Triad

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



49.7116, 57.0131, 31.1759



49.7116, -55.0693, 16.0689



49.7116, 19.6583, -117.6560

Complementary

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



49.7101, 57.0181, 31.1752



62.3327, -15.6888, -43.2749

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.



49.7116, -18.2165, -120.5275



49.7101, 57.0181, 31.1752



49.7116, -54.5106, -21.1387

Square

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



49.7116, 57.0131, 31.1759



49.7116, -44.8876, 30.4926



49.7116, -43.0360, -77.1772



49.7116, 61.1960, -70.9498

Rectangle

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



49.7101, 57.0181, 31.1752



49.7116, -10.6953, 34.0219



49.7116, -43.0360, -77.1772



49.7116, 5.9309, -124.5550

Sweetspot

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



49.7116, 57.0131, 31.1759



82.3069, 10.7439, 18.3972



47.8694, 87.5219, -24.0542



36.9089, 6.2506, 9.3294

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7116, 57.0131, 31.1759



50.8569, 63.8267, 32.4552



74.9215, 1.8681, 45.8976



41.5232, -0.1069, 4.4554



35.9842, 43.8350, 22.9407



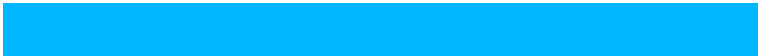
11.4232, 10.8840, 7.2294

Inverse Universe

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



62.3327, -15.6888, -43.2749



64.1752, -14.8661, -48.1218



32.5881, 44.2837, -134.8593



42.3360, -4.1842, 0.0458



45.3168, -10.8805, -33.1542



14.0653, -4.1382, -8.6472

Previews

White Background



This preview shows how the HunterLab color 49.7101, 57.0181, 31.1752 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 49.7101, 57.0181, 31.1752 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 49.7101, 57.0181, 31.1752 Background



This preview shows how black text looks on a background with the HunterLab color 49.7101, 57.0181, 31.1752.



This preview shows how white text looks on a background with the HunterLab color 49.7101, 57.0181,

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

49.7101, 57.0181, 31.1752

Protanopia

49.8549, -6.6642, 29.1429

Deuteranopia

49.7352, 2.6738, 30.6934



Tritanopia

49.6985, 61.5186, 23.5439

Trichromacy



Original Color

49.7101, 57.0181, 31.1752

Protanomaly

48.0848, 15.7234, 28.8394

Deuteranomaly

48.3587, 22.4182, 30.0148

Tritanomaly

49.7008, 59.6100, 27.6509

Monochromacy



Original Color

49.7101, 57.0181, 31.1752

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.2395, 15.3727, 16.2389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7101, 57.0181, 31.1752 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(244, 78, 13)` looks like.

```
.text, #text, p{  
    color:rgb(244, 78, 13)  
}
```

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(244, 78, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 78, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7101, 57.0181, 31.1752 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(244, 78, 13) }
```


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

```
.border{ border-color:rgb(244, 78, 13) }
```

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

Here you see how a box with a 4 pixel rgb(244, 78, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 78, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 78, 13);  
box-shadow:4px 4px 4px 4px rgb(244, 78,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7101, 57.0181, 31.1752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 78, 13) }
```

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

```
.background{ background-color: rgb(244, 78,  
13) }
```

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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