

Converting Colors

HunterLab(51.2800, 46.9139,
31.7785)

Have a look what the booklet for
HunterLab(51.2800, 46.9139,
31.7785) contains.

HunterLab(51.2178, 46.7291, 31.7158)	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(51.2178, 46.7291,
31.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5F12
RGB	237, 95, 18
RGB Percent	93%, 37%, 7%
CMY	0.0706, 0.6274, 0.9294
CMYK	0.00, 0.60, 0.92, 0.07
HSL	21°, 86%, 50%
HSV	21°, 92%, 93%
XYZ	39.1265, 26.2326, 3.5735
YIQ	128.6800, 109.3490, 6.1570

Conversions

Conversions Part 2

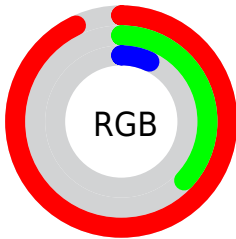
Format	Color
R _Y B	237, 137, 18
Decimal	15556370
CIE Lab	58.26, 51.87, 64.00
CIE LCh	58, 82.376, 50.976
Yxy	26.2341, 0.5676, 0.3806
Android (android.graphics.Color)	4293746450 (0xFFED5F12)
YUV	128.6800, -54.5652, 94.9966
Hunter-Lab	51.2178, 46.7291, 31.7158

Details

The HunterLab color **51.2178, 46.7291, 31.7158** 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 **56.0199, -8.4817, -50.4263**, and the grayscale version is **46.9069, -2.5028, 2.5485**.

A 20% lighter version of the original color is **66.0054, 28.8539, 35.3579**, and **32.1485, 43.4554, 20.5705** is the 20% darker color. If you saturate the color by 10%, you get **49.2367, 51.7579, 31.2455**, and if you desaturate by 10%, it is **54.2241, 39.9240, 31.7467**.

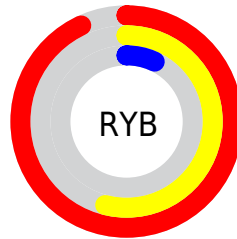
Distribution



Red (93%)

Green (37%)

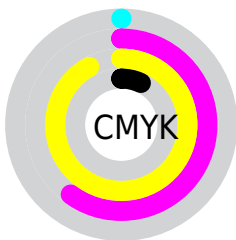
Blue (7%)



Red (93%)

Yellow (54%)

Blue (7%)

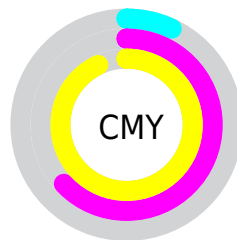


Cyan (0%)

Magenta (60%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2178, 46.7291, 31.7158 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 51.2178, 46.7291, 31.7158 by changing the saturation by 10% instead.

51.2178, 46.7291,
31.7158

51.2178, 46.7291,
31.7158

168.5021, 58.5449,
67.5066

41.2297, 44.9139,
26.8553

73.2478, 50.0174,
40.7390

31.9901, 43.0026,
22.1382

85.2081, 51.5046,
44.9549

23.5673, 41.0258,
16.4971

97.7567, 52.8929,
49.0086

16.0497, 39.0951,
11.2348

110.8671, 54.1880,
52.9222

9.5634, 37.5922,
6.6944

124.5163, 55.3957,
56.7143


0.0000, INF, NaN

0.0000, INF, NaN

138.6838, 56.5213,


60.4006


0.0000, NaN, NaN


 153.3512, 57.5696,
63.9942


0.0000, NaN, NaN


 51.2178, 46.7291,
31.7158


 51.2178, 46.7291,
31.7158


 49.2367, 51.7579,
31.2455

 54.2241, 39.9240,
31.7467

 57.6598, 33.1986,
30.9052

 61.4890, 26.7230,
29.2220

 65.6724, 20.6016,
26.7756

 70.1717, 14.8850,
23.6608

■ 74.9520, 9.5867,
19.9711

■ 79.9822, 4.6965,
15.7909

■ 85.2352, 0.1906,
11.1930

■ 90.6874, -3.9614,
6.2382

Harmonies

Analogous

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



51.2193, 76.1710, 20.7768



51.2178, 46.7291, 31.7158



51.2193, 8.2186, 34.2514

Triad

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



51.2193, 46.7246, 31.7165



51.2193, -53.5825, 11.8226



51.2193, 23.5621, -99.7772

Complementary

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



51.2178, 46.7291, 31.7158



56.0199, -8.4817, -50.4263

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.



51.2193, -12.8403, -108.7827



51.2178, 46.7291, 31.7158



51.2193, -51.5337, -25.7249

Square

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



51.2193, 46.7246, 31.7165



51.2193, -45.1316, 28.8926



51.2193, -38.5046, -75.7079



51.2193, 60.5028, -55.8770

Rectangle

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



51.2178, 46.7291, 31.7158



51.2193, -14.8938, 34.2007



51.2193, -38.5046, -75.7079



51.2193, 10.6743, -107.7756

Sweetspot

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



51.2193, 46.7246, 31.7165



83.7621, 8.0832, 19.8121



45.8121, 81.5939, -13.5929



37.6714, 4.8297, 10.0481

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2193, 46.7246, 31.7165



53.4005, 56.5281, 33.8947



78.2975, -7.8436, 47.6758



39.9005, -0.4902, 4.4898



36.6861, 37.4040, 23.2606



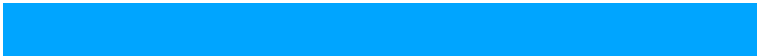
11.0990, 8.3557, 6.9854

Inverse Universe

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



56.0199, -8.4817, -50.4263



58.5243, -6.1424, -59.8907



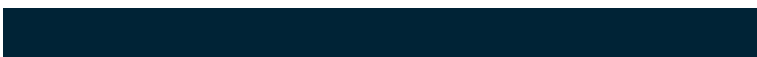
29.3220, 50.4272, -143.0543



40.2228, -3.6184, -0.2223



40.1886, -4.8077, -39.8539



12.0324, -2.5404, -9.5555

Previews

White Background



This preview shows how the HunterLab color 51.2178, 46.7291, 31.7158 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 51.2178, 46.7291, 31.7158 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 51.2178, 46.7291, 31.7158 Background



This preview shows how black text looks on a background with the HunterLab color 51.2178, 46.7291, 31.7158.



This preview shows how white text looks on a background with the HunterLab color 51.2178, 46.7291, 31.7158.

31.7158.

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

51.2178, 46.7291, 31.7158

Protanopia

51.3982, -7.0397, 30.0527

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

51.2871, 53.6035, 20.2992

Trichromacy



Original Color

51.2178, 46.7291, 31.7158

Protanomaly

50.0547, 11.8545, 29.8934

Deuteranomaly

50.3499, 18.9113, 31.1197

Tritanomaly

51.0418, 50.5074, 26.3488

Monochromacy



Original Color

51.2178, 46.7291, 31.7158

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.6569, 11.3667, 16.9385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2178, 46.7291, 31.7158 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(237, 95, 18)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 18)  
}
```

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(237, 95, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2178, 46.7291, 31.7158 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(237, 95, 18) }
```


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

```
.border{ border-color:rgb(237, 95, 18) }
```

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

Here you see how a box with a 4 pixel rgb(237, 95, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 18);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2178, 46.7291, 31.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 18) }
```

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

```
.background{ background-color: rgb(237, 95,  
18) }
```

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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