

Converting Colors

HunterLab(47.9021, 38.0710,
30.1816)

Have a look what the booklet for
HunterLab(47.9021, 38.0710,
30.1816) contains.

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Color

**HunterLab(47.8917, 38.0956,
30.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	D95F00
RGB	217, 95, 0
RGB Percent	85%, 37%, 0%
CMY	0.1490, 0.6274, 1.0000
CMYK	0.00, 0.56, 1.00, 0.15
HSL	26°, 100%, 43%
HSV	26°, 100%, 85%
XYZ	32.7075, 22.9361, 2.7032
YIQ	120.6480, 103.2070, -3.6810

Conversions

Conversions Part 2

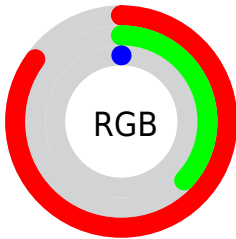
Format	Color
R _Y B	217, 169, 0
Decimal	14245632
CIE Lab	55.01, 44.31, 64.08
CIE LCh	55, 77.910, 55.334
Yxy	22.9374, 0.5606, 0.3931
Android (android.graphics.Color)	4292435712 (0xFFD95F00)
YUV	120.6480, -59.4795, 84.5007
Hunter-Lab	47.8917, 38.0956, 30.1776

Details

The HunterLab color **47.8917, 38.0956, 30.1776** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **43.5061, 3.8021, -62.5862**, and the grayscale version is **43.7868, -2.3364, 2.3790**.

A 20% lighter version of the original color is **65.4293, 29.4223, 36.4370**, and **29.1992, 35.4296, 18.6127** is the 20% darker color. If you saturate the color by 10%, you get **47.8926, 38.0928, 30.1781**, and if you desaturate by 10%, it is **50.3657, 32.4875, 30.7278**.

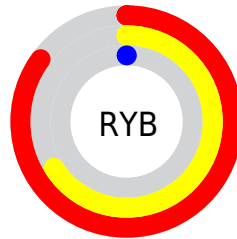
Distribution



Red (85%)

Green (37%)

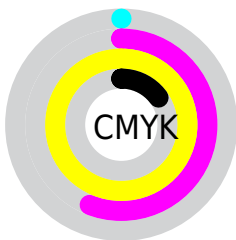
Blue (0%)



Red (85%)

Yellow (66%)

Blue (0%)

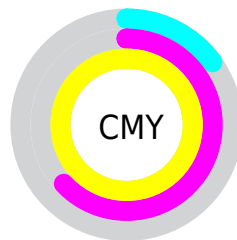


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8917, 38.0956, 30.1776 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 47.8917, 38.0956, 30.1776 by changing the saturation by 10% instead.

47.8917, 38.0956,
30.1776

47.8917, 38.0956,
30.1776

163.5248, 47.8765,
66.4294

38.1410, 36.4990,
25.2293

69.4914, 40.9275,
39.3545

29.1587, 34.7894,
20.4111

81.2542, 42.1833,
43.6334

21.0191, 32.9841,
14.7133

93.6146, 43.3410,
47.7421

13.8204, 31.1715,
9.6743

106.5451, 44.4073,
51.7037

7.4458, 31.6846,
5.2121

120.0215, 45.3886,
55.5379

0.0000, INF, NaN

0.0000, NaN, NaN


134.0226, 46.2906,

59.2613


0.0000, NaN, NaN


 148.5294, 47.1184,
62.8878


0.0000, NaN, NaN


 47.8917, 38.0956,
30.1776


 47.8917, 38.0956,
30.1776


 47.8926, 38.0928,
30.1781

 50.3657, 32.4875,
30.7278

 53.1222, 27.0076,
30.6120

 56.1519, 21.8009,
29.6849

 59.4341, 16.9377,
27.9664

 62.9473, 12.4525,
25.5099

■ 66.6705, 8.3545,
22.3832

■ 70.5841, 4.6361,
18.6568

■ 74.6705, 1.2795,
14.3984

■ 78.9137, -1.7389,
9.6695

Harmonies

Analogous

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



47.8931, 67.4168, 21.6111



47.8917, 38.0956, 30.1776



47.8931, 2.5943, 32.0126

Triad

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



47.8931, 38.0916, 30.1782



47.8931, -50.0391, 7.1639



47.8931, 26.9904, -87.3111

Complementary

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



47.8917, 38.0956, 30.1776



43.5061, 3.8021, -62.5862

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.



47.8931, -7.5013, -101.4277



47.8917, 38.0956, 30.1776



47.8931, -46.7272, -30.1527

Square

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



47.8931, 38.0916, 30.1782



47.8931, -43.6542, 25.4943



47.8931, -32.9879, -75.7858



47.8931, 59.9081, -44.5849

Rectangle

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



47.8917, 38.0956, 30.1776



47.8931, -17.8876, 31.7431



47.8931, -32.9879, -75.7858



47.8931, 14.9808, -96.4012

Sweetspot

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



47.8931, 38.0916, 30.1782



84.6037, 5.6829, 22.5299



40.2256, 72.4399, -1.5496



38.2056, 3.4850, 11.3386

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8931, 38.0916, 30.1782



57.2448, 46.3604, 36.0856



75.6592, -14.7688, 46.3622



37.3963, -0.8968, 4.4374



37.5331, 28.9617, 23.6348



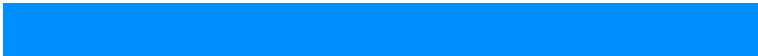
10.4030, 5.3717, 6.5043

Inverse Universe

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



43.5061, 3.8021, -62.5862



51.9350, 5.0959, -75.9148



23.1012, 57.6101, -153.2374



37.1828, -2.9360, -0.5032



34.1637, 2.3948, -47.8713



9.6261, -0.9680, -9.9421

Previews

White Background



This preview shows how the HunterLab color 47.8917, 38.0956, 30.1776 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 47.8917, 38.0956, 30.1776 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 47.8917, 38.0956, 30.1776 Background



This preview shows how black text looks on a background with the HunterLab color 47.8917, 38.0956, 30.1776.



This preview shows how white text looks on a background with the HunterLab color 47.8917, 38.0956,

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

47.8917, 38.0956, 30.1776

Protanopia

48.1821, -6.8600, 28.7551

Deuteranopia

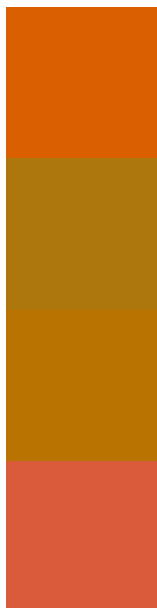
48.1011, 2.6484, 29.6861



Tritanopia

47.7992, 46.0218, 17.1240

Trichromacy



Original Color

47.8917, 38.0956, 30.1776

Protanomaly

47.1396, 8.8583, 28.7233

Deuteranomaly

47.5140, 15.0468, 29.5413

Tritanomaly

47.6590, 41.9542, 24.7835

Monochromacy



Original Color

47.8917, 38.0956, 30.1776

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.8088, 8.2642, 17.6371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8917, 38.0956, 30.1776 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(217, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 95, 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(217, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 95, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8917, 38.0956, 30.1776 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(217, 95, 0) }
```


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

```
.border{ border-color:rgb(217, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.8917, 38.0956, 30.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 95, 0) }
```

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

```
.background{ background-color: rgb(217, 95,  
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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