

Converting Colors

HunterLab(57.2381, 28.7027,
35.7723)

Have a look what the booklet for
HunterLab(57.2381, 28.7027,
35.7723) contains.

HunterLab(57.2381, 28.7027, 35.7723)	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(57.2381, 28.7027,
35.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	E98000
RGB	233, 128, 0
RGB Percent	91%, 50%, 0%
CMY	0.0863, 0.4980, 1.0000
CMYK	0.00, 0.45, 1.00, 0.09
HSL	33°, 100%, 46%
HSV	33°, 100%, 91%
XYZ	41.3235, 32.7620, 4.1458
YIQ	144.8030, 103.6680, -17.5480

Conversions

Conversions Part 2

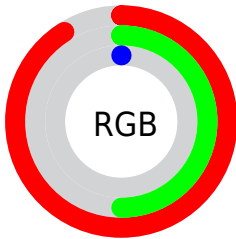
Format	Color
RYB	191, 233, 0
Decimal	15302656
CIELab	63.97, 34.09, 70.59
CIElCh	64, 78.391, 64.223
Yxy	32.7638, 0.5282, 0.4188
Android (android.graphics.Color)	4293492736 (0xFFE98000)
YUV	144.8030, -71.3879, 77.3488
Hunter-Lab	57.2381, 28.7027, 35.7723

Details

The HunterLab color **57.2381, 28.7027, 35.7723** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **39.9836, 18.2430, -89.3566**, and the grayscale version is **53.3825, -2.8484, 2.9004**.

A 20% lighter version of the original color is **74.2771, 12.0548, 41.2218**, and **37.2207, 27.0924, 23.4095** is the 20% darker color. If you saturate the color by 10%, you get **57.2385, 28.7011, 35.7726**, and if you desaturate by 10%, it is **59.7573, 23.6397, 36.4155**.

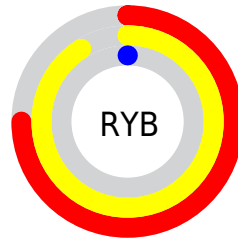
Distribution



Red (91%)

Green (50%)

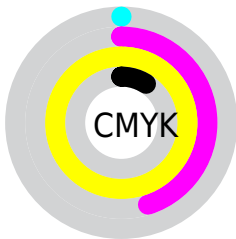
Blue (0%)



Red (75%)

Yellow (91%)

Blue (0%)

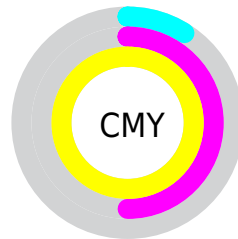


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2381, 28.7027, 35.7723 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 57.2381, 28.7027, 35.7723 by changing the saturation by 10% instead.

57.2381, 28.7027,
35.7723

57.2381, 28.7027,
35.7723

177.3651, 34.5171,
74.0674

46.8461, 27.6100,
30.6331

80.0041, 30.5573,
45.3713

37.1711, 26.4006,
25.4379

92.3038, 31.3456,
49.8761

28.2726, 25.0606,
19.7908

105.1762, 32.0503,
54.2159

20.2256, 23.5858,
14.1579

118.5970, 32.6778,
58.4113

13.1318, 22.0011,
9.1923

132.5445, 33.2337,
62.4799

6.6288, 23.9258,
4.6402

146.9995, 33.7227,

0.0000, INF, NaN

66.4371

0.0000, NaN, NaN

161.9450, 34.1493,
70.2959

0.0000, NaN, NaN

57.2381, 28.7027,
35.7723

57.2381, 28.7027,
35.7723

57.2385, 28.7011,
35.7726

59.7573, 23.6397,
36.4155

62.4681, 18.8601,
36.3091

65.3723, 14.4572,
35.2934

68.4611, 10.4677,
33.3577

71.7241, 6.9061,
30.5293

■ 75.1500, 3.7711,
26.8562

■ 78.7280, 1.0513,
22.3961

■ 82.4472, -1.2716,
17.2101

■ 86.2978, -3.2198,
11.3592

Harmonies

Analogous

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



57.2396, 62.6745, 28.4369



57.2381, 28.7027, 35.7723



57.2396, -7.8553, 37.0681

Triad

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



57.2396, 28.6988, 35.7729



57.2396, -55.2802, -1.7229



57.2396, 39.1761, -77.3378

Complementary

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



57.2381, 28.7027, 35.7723



39.9836, 18.2430, -89.3566

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.



57.2396, 1.9043, -102.1175



57.2381, 28.7027, 35.7723



57.2396, -48.1853, -44.8756

Square

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



57.2396, 28.6988, 35.7729



57.2396, -51.3362, 24.3062



57.2396, -29.1142, -87.6578



57.2396, 69.6590, -31.6280

Rectangle

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



57.2381, 28.7027, 35.7723



57.2396, -27.7841, 35.9426



57.2396, -29.1142, -87.6578



57.2396, 26.7428, -89.3158

Sweetspot

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



57.2396, 28.6988, 35.7729



87.1538, 1.2072, 24.8919



42.9211, 76.0616, 7.8954



39.5357, 1.1250, 12.5295

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.2396, 28.6988, 35.7729



63.2789, 32.0844, 39.5539



86.2104, -26.0934, 52.6654



40.5288, -1.5519, 5.1698



43.4068, 20.9790, 27.1143



12.9278, 4.2593, 8.0406

Inverse Universe

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



39.9836, 18.2430, -89.3566



44.1148, 20.5995, -99.6081



24.3589, 65.8641, -171.4759



39.5813, -2.5679, -1.0035



30.5134, 12.8914, -65.9680



9.5960, 1.5236, -15.2831

Previews

White Background



This preview shows how the HunterLab color 57.2381, 28.7027, 35.7723 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 57.2381, 28.7027, 35.7723 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 57.2381, 28.7027, 35.7723 Background



This preview shows how black text looks on a background with the HunterLab color 57.2381, 28.7027, 35.7723.



This preview shows how white text looks on a background with the HunterLab color 57.2381, 28.7027,

35.7723.

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

57.2381, 28.7027, 35.7723

Protanopia

57.3916, -8.1079, 34.5860

Deuteranopia

57.3721, 3.3748, 35.4115



Tritanopia

57.2106, 41.3842, 15.1689

Trichromacy



Original Color

57.2381, 28.7027, 35.7723

Protanomaly

56.8507, 4.4706, 34.7467

Deuteranomaly

57.1008, 12.0466, 35.3962

Tritanomaly

56.8736, 35.5441, 27.5521

Monochromacy



Original Color

57.2381, 28.7027, 35.7723

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.4650, 4.2443, 21.7908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2381, 28.7027, 35.7723 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(233, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 128, 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(233, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 128, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2381, 28.7027, 35.7723 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(233, 128, 0) }
```


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

```
.border{ border-color:rgb(233, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 128,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2381, 28.7027, 35.7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 128, 0) }
```

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

```
.background{ background-color: rgb(233,  
128, 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