

Converting Colors

HunterLab(59.8036, 30.6048,
37.3865)

Have a look what the booklet for
HunterLab(59.8036, 30.6048,
37.3865) contains.

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Color

**HunterLab(59.8580, 30.4840,
37.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	F38500
RGB	243, 133, 0
RGB Percent	95%, 52%, 0%
CMY	0.0471, 0.4784, 1.0000
CMYK	0.00, 0.45, 1.00, 0.05
HSL	33°, 100%, 48%
HSV	33°, 100%, 95%
XYZ	45.3497, 35.8298, 4.5256
YIQ	150.7280, 108.2530, -18.0430

Conversions

Conversions Part 2

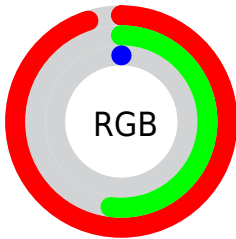
Format	Color
RYB	201, 243, 0
Decimal	15959296
CIELab	66.39, 35.57, 72.77
CIELCh	66, 81.000, 63.949
Yxy	35.8317, 0.5291, 0.4181
Android (android.graphics.Color)	4294149376 (0xFFFF38500)
YUV	150.7280, -74.3089, 80.9225
Hunter-Lab	59.8580, 30.4840, 37.4179

Details

The HunterLab color **59.8580, 30.4840, 37.4179** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **41.9801, 19.0322, -93.5556**, and the grayscale version is **55.7818, -2.9764, 3.0307**.

A 20% lighter version of the original color is **75.6847, 9.5622, 41.8660**, and **39.6710, 28.8436, 24.9500** is the 20% darker color. If you saturate the color by 10%, you get **59.8585, 30.4821, 37.4182**, and if you desaturate by 10%, it is **62.5064, 25.1300, 38.1203**.

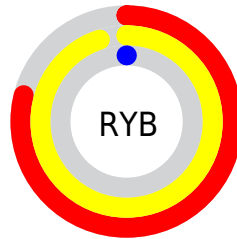
Distribution



Red (95%)

Green (52%)

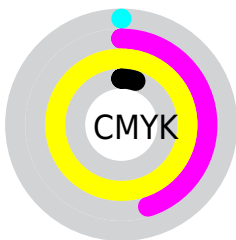
Blue (0%)



Red (79%)

Yellow (95%)

Blue (0%)

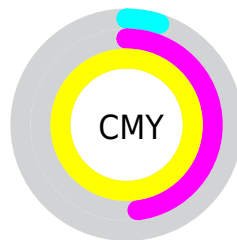


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8580, 30.4840, 37.4179 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 59.8580, 30.4840, 37.4179 by changing the saturation by 10% instead.

59.8580, 30.4840,
37.4179

59.8580, 30.4840,
37.4179

181.1697, 36.6148,
76.4509

49.2994, 29.3582,
32.2025

82.9290, 32.4076,
47.1786

39.4455, 28.1179,
26.8538

95.3699, 33.2313,
51.7666

30.3529, 26.7494,
21.2470

108.3772, 33.9716,
56.1902

22.0915, 25.2488,
15.4641

121.9274, 34.6347,
60.4691

14.7555, 23.6364,
10.3288

135.9996, 35.2261,
64.6207

8.4115, 22.4646,
5.8881

150.5749, 35.7506,

0.0000, INF, NaN

68.6599

0.0000, NaN, NaN

165.6367, 36.2122,
72.5997

0.0000, NaN, NaN

59.8580, 30.4840,
37.4179

59.8580, 30.4840,
37.4179

59.8585, 30.4821,
37.4182

62.5064, 25.1300,
38.1203

65.3590, 20.0738,
38.0284

68.4172, 15.4127,
36.9794

71.6716, 11.1866,
34.9616

75.1109, 7.4113,
32.0040

■ 78.7231, 4.0858,
28.1576

■ 82.4964, 1.1978,
23.4836

■ 86.4195, -1.2718,
18.0470

■ 90.4817, -3.3466,
11.9123

Harmonies

Analogous

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



59.8596, 66.0421, 29.6671



59.8580, 30.4840, 37.4179



59.8596, -7.9084, 38.8047

Triad

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



59.8596, 30.4799, 37.4185



59.8596, -57.9448, -1.4756



59.8596, 40.7635, -81.6050

Complementary

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



59.8580, 30.4840, 37.4179



41.9801, 19.0322, -93.5556

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.



59.8596, 1.6644, -107.3175



59.8580, 30.4840, 37.4179



59.8596, -50.6232, -46.6618

Square

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



59.8596, 30.4799, 37.4185



59.8596, -53.7089, 25.6263



59.8596, -30.7604, -91.7491



59.8596, 72.9002, -33.6494

Rectangle

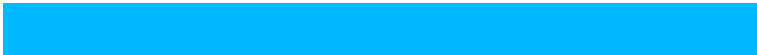
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8580, 30.4840, 37.4179



59.8596, -28.8742, 37.6579



59.8596, -30.7604, -91.7491



59.8596, 27.7032, -94.1062

Sweetspot

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



59.8596, 30.4799, 37.4185



87.1069, 1.2883, 24.8490



45.0068, 79.7436, 8.3905



39.5112, 1.1677, 12.5078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.8596, 30.4799, 37.4185



63.1595, 32.3501, 39.4849



90.4134, -27.3727, 55.2329



42.4099, -1.6094, 5.4172



44.6526, 21.9021, 27.8981



13.9916, 4.8855, 8.7071

Inverse Universe

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



41.9801, 19.0322, -93.5556



44.2486, 20.3081, -99.1464



25.5413, 69.0728, -179.8867



41.4273, -2.7004, -1.0578



31.5168, 13.2039, -67.8967



10.3705, 1.8529, -16.9620

Previews

White Background



This preview shows how the HunterLab color 59.8580, 30.4840, 37.4179 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 59.8580, 30.4840, 37.4179 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 59.8580, 30.4840, 37.4179 Background



This preview shows how black text looks on a background with the HunterLab color 59.8580, 30.4840, 37.4179.



This preview shows how white text looks on a background with the HunterLab color 59.8580, 30.4840,

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

59.8580, 30.4840, 37.4179

Protanopia

59.9654, -7.9727, 36.1564

Deuteranopia

60.0752, 4.0105, 37.0883



Tritanopia

59.8794, 43.4567, 16.0432

Trichromacy



Original Color

59.8580, 30.4840, 37.4179

Protanomaly

59.2802, 5.6119, 36.2456

Deuteranomaly

59.6807, 13.6770, 37.0144

Tritanomaly

59.5077, 37.4301, 28.9668

Monochromacy



Original Color

59.8580, 30.4840, 37.4179

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.6609, 4.7393, 22.5931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8580, 30.4840, 37.4179 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(243, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 133, 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(243, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 133, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8580, 30.4840, 37.4179 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(243, 133, 0) }
```


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

```
.border{ border-color:rgb(243, 133, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 133, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 133,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8580, 30.4840, 37.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 133, 0) }
```

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

```
.background{ background-color: rgb(243,  
133, 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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