

Converting Colors

HunterLab(57.0430, 46.8711,
35.9702)

Have a look what the booklet for
HunterLab(57.0430, 46.8711,
35.9702) contains.

HunterLab(57.1217, 46.6716, 36.0152)	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(57.1217, 46.6716,
36.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F00
RGB	255, 111, 0
RGB Percent	100%, 44%, 0%
CMY	0.0000, 0.5647, 1.0000
CMYK	0.00, 0.56, 1.00, 0.00
HSL	26°, 100%, 50%
HSV	26°, 100%, 100%
XYZ	46.9245, 32.6289, 3.8248
YIQ	141.4020, 121.4550, -3.9930

Conversions

Conversions Part 2

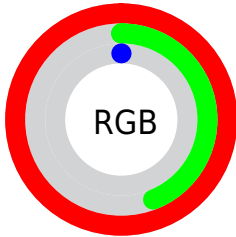
Format	Color
RYB	255, 197, 0
Decimal	16740096
CIELab	63.86, 50.95, 72.19
CIElCh	64, 88.357, 54.785
Yxy	32.6307, 0.5628, 0.3913
Android (android.graphics.Color)	4294930176 (0xFFFF6F00)
YUV	141.4020, -69.7112, 99.6254
Hunter-Lab	57.1217, 46.6716, 36.0152

Details

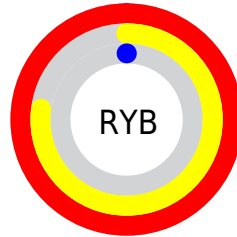
The HunterLab color **57.1217, 46.6716, 36.0152** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **52.1207, 4.7597, -75.4206**, and the grayscale version is **52.0078, -2.7750, 2.8257**.

A 20% lighter version of the original color is **69.9819, 20.3220, 38.5692**, and **37.2470, 43.5956, 23.7147** is the 20% darker color. If you saturate the color by 10%, you get **57.1225, 46.6687, 36.0157**, and if you desaturate by 10%, it is **60.0859, 39.8404, 36.7860**.

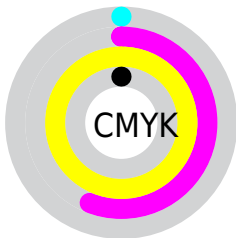
Distribution



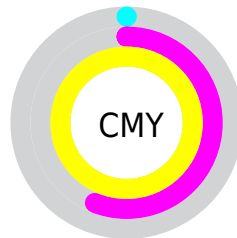
- Red (100%)
- Green (44%)
- Blue (0%)



- Red (100%)
- Yellow (77%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.1217, 46.6716, 36.0152 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 57.1217, 46.6716, 36.0152 by changing the saturation by 10% instead.

57.1217, 46.6716,
36.0152

57.1217, 46.6716,
36.0152

177.1955, 57.7658,
75.0967

46.7373, 44.9476,
30.7751

79.8740, 49.7766,
45.8130

37.0704, 43.1191,
25.5652

92.1673, 51.1765,
50.4123

28.1807, 41.1966,
19.7265

105.0337, 52.4811,
54.8429

20.1434, 39.2342,
14.1004

118.4486, 53.6963,
59.1254

13.0607, 37.4081,
9.1425

132.3906, 54.8275,
63.2776

6.5377, 41.4261,
4.5764

146.8402, 55.8798,

0.0000, INF, NaN

67.3150

0.0000, NaN, NaN

161.7804, 56.8579,
71.2509

0.0000, NaN, NaN

57.1217, 46.6716,
36.0152

57.1217, 46.6716,
36.0152

57.1225, 46.6687,
36.0157

60.0859, 39.8404,
36.7860

63.4027, 33.1552,
36.7193

67.0585, 26.7917,
35.6628

71.0275, 20.8420,
33.6372

75.2827, 15.3519,
30.7077

■ 79.7978, 10.3348,
26.9580

■ 84.5483, 5.7823,
22.4756

■ 89.5118, 1.6728,
17.3443

■ 94.6687, -2.0228,
11.6404

Harmonies

Analogous

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



57.1233, 81.7189, 25.5824



57.1217, 46.6716, 36.0152



57.1233, 3.8913, 38.2521

Triad

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



57.1233, 46.6668, 36.0159



57.1233, -59.9919, 9.1927



57.1233, 31.7220, -106.1850

Complementary

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



57.1217, 46.6716, 36.0152



52.1207, 4.7597, -75.4206

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.



57.1233, -9.6768, -122.3925



57.1217, 46.6716, 36.0152



57.1233, -56.2425, -35.3760

Square

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



57.1233, 46.6668, 36.0159



57.1233, -52.1300, 30.7668



57.1233, -40.0297, -90.6128



57.1233, 71.6003, -54.8441

Rectangle

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



57.1217, 46.6716, 36.0152



57.1233, -20.8758, 37.9701



57.1233, -40.0297, -90.6128



57.1233, 17.2688, -116.9293

Sweetspot

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



57.1233, 46.6668, 36.0159



84.5472, 5.7835, 22.4770



48.2587, 86.8480, -1.4077



38.1762, 3.5381, 11.3120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.1233, 46.6668, 36.0159



57.1227, 46.6689, 36.0158



90.7793, -17.6549, 55.6285



43.9179, -1.0154, 5.2491



41.6345, 32.8714, 26.2304



13.7855, 8.3438, 8.6406

Inverse Universe

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



52.1207, 4.7597, -75.4206



52.1199, 4.7612, -75.4235



27.6063, 69.6950, -184.9561



43.6807, -3.4804, -0.6314



38.0747, 2.7240, -53.4704



12.7632, -0.6700, -14.5066

Previews

White Background



This preview shows how the HunterLab color 57.1217, 46.6716, 36.0152 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 57.1217, 46.6716, 36.0152 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 57.1217, 46.6716, 36.0152 Background



This preview shows how black text looks on a background with the HunterLab color 57.1217, 46.6716, 36.0152.



This preview shows how white text looks on a background with the HunterLab color 57.1217, 46.6716,

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

57.1217, 46.6716, 36.0152

Protanopia

57.4080, -8.0161, 34.3418

Deuteranopia

57.0992, 3.8600, 35.2518



Tritanopia

57.2171, 53.7295, 20.3129

Trichromacy



Original Color

57.1217, 46.6716, 36.0152

Protanomaly

56.2388, 10.6591, 34.3642

Deuteranomaly

56.3932, 18.8715, 35.0796

Tritanomaly

56.9562, 49.9430, 29.7650

Monochromacy



Original Color

57.1217, 46.6716, 36.0152

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.6222, 10.3509, 20.8809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.1217, 46.6716, 36.0152 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(255, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 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(255, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.1217, 46.6716, 36.0152 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(255, 111, 0) }
```


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

```
.border{ border-color:rgb(255, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.1217, 46.6716, 36.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 0) }
```

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

```
.background{ background-color: rgb(255,  
111, 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