

Converting Colors

HunterLab(57.7876, 36.6219,
36.2496)

Have a look what the booklet for
HunterLab(57.7876, 36.6219,
36.2496) contains.

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Color

**HunterLab(57.7335, 36.9090,
36.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	F57A00
RGB	245, 122, 0
RGB Percent	96%, 48%, 0%
CMY	0.0392, 0.5215, 1.0000
CMYK	0.00, 0.50, 1.00, 0.04
HSL	30°, 100%, 48%
HSV	30°, 100%, 96%
XYZ	44.6157, 33.3316, 4.0821
YIQ	144.8690, 112.4700, -11.8660

Conversions

Conversions Part 2

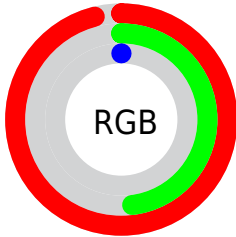
Format	Color
R _Y B	245, 243, 0
Decimal	16087552
CIE Lab	64.43, 41.91, 71.73
CIE LCh	64, 83.076, 59.706
Yxy	33.3334, 0.5439, 0.4063
Android (android.graphics.Color)	4294277632 (0xFFFF57A00)
YUV	144.8690, -71.4204, 87.8149
Hunter-Lab	57.7335, 36.9090, 36.2213

Details

The HunterLab color **57.7335, 36.9090, 36.2213** 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 **45.5611, 12.5881, -84.1210**, and the grayscale version is **53.4067, -2.8496, 2.9017**.

A 20% lighter version of the original color is **72.6399, 15.1658, 40.1602**, and **37.6883, 34.6722, 23.8303** is the 20% darker color. If you saturate the color by 10%, you get **57.7343, 36.9065, 36.2217**, and if you desaturate by 10%, it is **60.5110, 30.9618, 36.9545**.

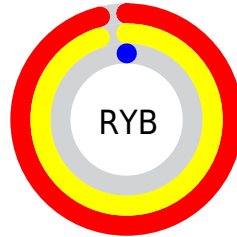
Distribution



Red (96%)

Green (48%)

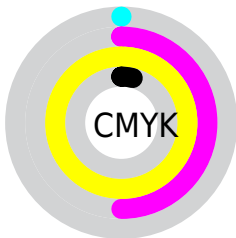
Blue (0%)



Red (96%)

Yellow (95%)

Blue (0%)

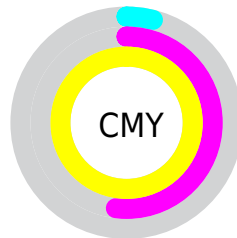


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.7335, 36.9090, 36.2213 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 57.7335, 36.9090, 36.2213 by changing the saturation by 10% instead.

57.7335, 36.9090,
36.2213

57.7335, 36.9090,
36.2213

178.0869, 45.2017,
75.0081

47.3096, 35.5128,
31.0228

80.5579, 39.3569,
45.9394

37.6003, 34.0010,
25.7831

92.8845, 40.4332,
50.5022

28.6646, 32.3673,
20.0652

105.7828, 41.4195,
54.8985

20.5763, 30.6272,
14.4034

119.2282, 42.3221,
59.1487

13.4359, 28.8557,
9.4051

133.1995, 43.1469,
63.2705

7.0030, 30.2927,
4.9021

147.6776, 43.8988,

0.0000, INF, NaN

67.2793

0.0000, NaN, NaN

162.6452, 44.5824,
71.1881

0.0000, NaN, NaN

57.7335, 36.9090,
36.2213

57.7335, 36.9090,
36.2213

57.7343, 36.9065,
36.2217

60.5110, 30.9618,
36.9545

63.5449, 25.2682,
36.8865

66.8313, 19.9489,
35.8598

70.3548, 15.0585,
33.8765

74.0986, 10.6207,
30.9803

■ 78.0456, 6.6376,
27.2351

■ 82.1795, 3.0971,
22.7128

■ 86.4852, -0.0215,
17.4860

■ 90.9487, -2.7443,
11.6236

Harmonies

Analogous

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



57.7351, 71.6936, 27.4582



57.7335, 36.9090, 36.2213



57.7351, -2.7217, 38.0125

Triad

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



57.7351, 36.9047, 36.2219



57.7351, -57.9745, 3.4855



57.7351, 36.1194, -90.5673

Complementary

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



57.7335, 36.9090, 36.2213



45.5611, 12.5881, -84.1210

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.



57.7351, -3.4448, -111.9855



57.7335, 36.9090, 36.2213



57.7351, -52.3999, -40.8821

Square

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



57.7351, 36.9047, 36.2219



57.7351, -52.1729, 27.7504



57.7351, -34.4844, -89.7740



57.7351, 71.1665, -41.8881

Rectangle

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



57.7335, 36.9090, 36.2213



57.7351, -24.9610, 37.3253



57.7351, -34.4844, -89.7740



57.7351, 22.6308, -102.1749

Sweetspot

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



57.7351, 36.9047, 36.2219



85.9720, 3.2645, 23.8034



45.7537, 81.6791, 3.7869



38.9186, 2.2096, 11.9803

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.7351, 36.9047, 36.2219



60.3612, 38.7601, 37.8728



90.7046, -22.7761, 55.4929



42.2443, -1.3313, 5.2390



42.7011, 26.3264, 26.7731



13.4463, 6.0377, 8.3912

Inverse Universe

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



45.5611, 12.5881, -84.1210



47.6050, 13.3230, -88.2626



25.8484, 68.8870, -181.0143



41.5951, -2.9767, -0.8522



33.8522, 8.4258, -60.5013



11.0126, 0.6757, -15.2234

Previews

White Background



This preview shows how the HunterLab color 57.7335, 36.9090, 36.2213 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 57.7335, 36.9090, 36.2213 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 57.7335, 36.9090, 36.2213 Background



This preview shows how black text looks on a background with the HunterLab color 57.7335, 36.9090, 36.2213.



This preview shows how white text looks on a background with the HunterLab color 57.7335, 36.9090,

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

57.7335, 36.9090, 36.2213

Protanopia

57.8923, -7.8139, 34.8096

Deuteranopia

57.8798, 3.6772, 35.7296



Tritanopia

57.7325, 48.6851, 17.8497

Trichromacy



Original Color

57.7335, 36.9090, 36.2213

Protanomaly

57.0369, 7.8513, 34.8875

Deuteranomaly

57.3693, 15.5259, 35.6225

Tritanomaly

57.4309, 43.3889, 28.8998

Monochromacy



Original Color

57.7335, 36.9090, 36.2213

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.3739, 6.7030, 21.7586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.7335, 36.9090, 36.2213 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(245, 122, 0)` looks like.

```
.text, #text, p{  
  color:rgb(245, 122, 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(245, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 122, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.7335, 36.9090, 36.2213 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(245, 122, 0) }
```


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

```
.border{ border-color:rgb(245, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 122,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.7335, 36.9090, 36.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 122, 0) }
```

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

```
.background{ background-color: rgb(245,  
122, 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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