

# Converting Colors

HunterLab(57.6630, 36.9941,  
36.1519)

Have a look what the booklet for  
HunterLab(57.6630, 36.9941,  
36.1519) contains.

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# Color

**HunterLab(57.7354, 36.9181,  
36.1931)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F57A01
RGB	245, 122, 1
RGB Percent	96%, 48%, 0%
CMY	0.0392, 0.5215, 0.9960
CMYK	0.00, 0.50, 1.00, 0.04
HSL	30°, 99%, 48%
HSV	30°, 100%, 96%
XYZ	44.6212, 33.3338, 4.1110
YIQ	144.9830, 112.1490, -11.5550

# Conversions

## Conversions Part 2

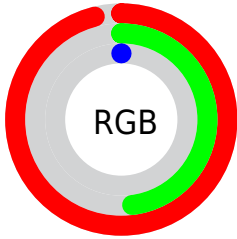
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 241, 1
Decimal	16087553
CIE Lab	64.43, 41.92, 71.58
CIE LCh	64, 82.947, 59.647
Yxy	33.3356, 0.5437, 0.4062
Android (android.graphics.Color)	4294277633 (0xFFFF57A01)
YUV	144.9830, -70.9836, 87.7149
Hunter-Lab	57.7354, 36.9181, 36.1931

# Details

The HunterLab color **57.7354, 36.9181, 36.1931** 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 **45.8414, 12.0682, -83.2701**, and the grayscale version is **53.4509, -2.8520, 2.9041**.

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 **57.6271, 37.1592, 36.1601**, and if you desaturate by 10%, it is **60.5261, 30.9536, 36.9084**.

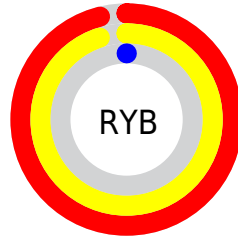
# Distribution



Red (96%)

Green (48%)

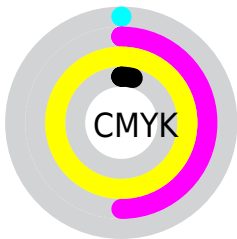
Blue (0%)



Red (96%)

Yellow (95%)

Blue (0%)

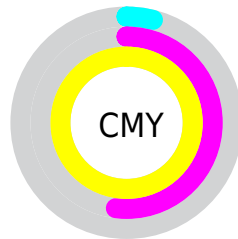


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.7354, 36.9181, 36.1931 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 57.7354, 36.9181, 36.1931 by changing the saturation by 10% instead.



57.7354, 36.9181,  
36.1931

57.7354, 36.9181,  
36.1931

178.0897, 45.2133,  
74.9051

47.3114, 35.5217,  
31.0042

80.5600, 39.3666,  
45.8924

37.6020, 34.0095,  
25.7669

92.8868, 40.4432,  
50.4462

28.6661, 32.3756,  
20.0663

105.7851, 41.4297,  
54.8339

20.5777, 30.6352,  
14.4044

119.2306, 42.3327,  
59.0758

13.4370, 28.8635,  
9.4059

133.2020, 43.1577,  
63.1896

7.0044, 30.2974,  
4.9031

147.6802, 43.9099,

0.0000, INF, NaN

67.1907

0.0000, NaN, NaN

162.6479, 44.5938,  
71.0921

0.0000, NaN, NaN

57.7354, 36.9181,  
36.1931

57.7354, 36.9181,  
36.1931

57.6271, 37.1592,  
36.1601

60.5261, 30.9536,  
36.9084

63.5763, 25.2500,  
36.8024

66.8804, 19.9222,  
35.7369

70.4227, 15.0242,  
33.7170

74.1860, 10.5790,  
30.7883

■ 78.1532, 6.5881,  
27.0156

■ 82.3079, 3.0393,  
22.4713

■ 86.6345, -0.0888,  
17.2281

■ 91.1192, -2.8222,  
11.3552

# Harmonies

## Analogous

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



57.7370, 71.6074, 27.4036



57.7354, 36.9181, 36.1931



57.7370, -2.6500, 37.9967

# Triad

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



57.7370, 36.9138, 36.1937



57.7370, -57.9119, 3.5533



57.7370, 35.9734, -90.4369

# Complementary

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



57.7354, 36.9181, 36.1931



45.8414, 12.0682, -83.2701

# 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.



57.7370, -3.5163, -111.7183



57.7354, 36.9181, 36.1931



57.7370, -52.3636, -40.6953

# Square

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



57.7370, 36.9138, 36.1937



57.7370, -52.0913, 27.7543



57.7370, -34.4904, -89.4875



57.7370, 70.9762, -41.8996



# Rectangle

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



57.7354, 36.9181, 36.1931



57.7370, -24.8728, 37.3120



57.7370, -34.4904, -89.4875



57.7370, 22.5085, -101.9917

# Sweetspot

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



57.7370, 36.9138, 36.1937



85.9249, 3.3471, 23.7598



45.7912, 81.6462, 3.6168



38.8940, 2.2532, 11.9583

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.7370, 36.9138, 36.1937



60.2490, 39.0249, 37.8083



90.7112, -22.7772, 55.4781



42.2374, -1.3196, 5.2316



42.6227, 26.5094, 26.7280



13.4241, 6.0857, 8.3784



# Inverse Universe

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



45.8414, 12.0682, -83.2701



47.7492, 13.0359, -87.8231



25.9022, 68.7159, -180.5726



41.6021, -2.9882, -0.8436



33.9524, 8.2295, -60.2026



11.0399, 0.6272, -15.1529



# Previews

## White Background



This preview shows how the HunterLab color 57.7354, 36.9181, 36.1931 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 57.7354, 36.9181, 36.1931 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 57.7354, 36.9181, 36.1931 Background



This preview shows how black text looks on a background with the HunterLab color 57.7354, 36.9181, 36.1931.



This preview shows how white text looks on a background with the HunterLab color 57.7354, 36.9181, 36.1931.



# 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

57.7354, 36.9181, 36.1931

### Protanopia

57.8923, -7.8139, 34.8096

### Deuteranopia

57.8798, 3.6772, 35.7296



## Tritanopia

57.7325, 48.6851, 17.8497

# Trichromacy



## Original Color

57.7354, 36.9181, 36.1931

## Protanomaly

57.0393, 7.8636, 34.8531

## Deuteranomaly

57.3693, 15.5259, 35.6225

## Tritanomaly

57.4309, 43.3889, 28.8998

# Monochromacy



## Original Color

57.7354, 36.9181, 36.1931

## Achromatopsia

53.2117, -2.8392, 2.8911

## Achromatomaly

53.3904, 6.7904, 21.5176

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.7354, 36.9181, 36.1931 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, 1)` looks like.

```
.text, #text, p{  
    color:rgb(245, 122, 1)  
}
```

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, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 122, 1) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.7354, 36.9181, 36.1931 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, 1) }
```



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

```
.border{ border-color:rgb(245, 122, 1) }
```

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, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 122, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 122, 1);  
box-shadow:4px 4px 4px 4px rgb(245, 122,  
1) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.7354, 36.9181, 36.1931 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, 1) }
```

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

```
.background{ background-color: rgb(245,  
122, 1) }
```

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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