

# Converting Colors

HunterLab(57.8673, 44.7998,  
36.4418)

Have a look what the booklet for  
HunterLab(57.8673, 44.7998,  
36.4418) contains.

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# Color

**HunterLab(57.8977, 44.7240,  
36.4593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7300
RGB	255, 115, 0
RGB Percent	100%, 45%, 0%
CMY	0.0000, 0.5490, 1.0000
CMYK	0.00, 0.55, 1.00, 0.00
HSL	27°, 100%, 50%
HSV	27°, 100%, 100%
XYZ	47.3707, 33.5214, 3.9735
YIQ	143.7500, 120.3550, -6.0850

# Conversions

## Conversions Part 2

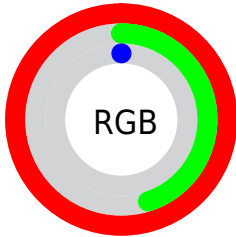
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 209, 0
Decimal	16741120
CIE Lab	64.58, 49.09, 72.59
CIE LCh	65, 87.632, 55.933
Yxy	33.5233, 0.5582, 0.3950
Android (android.graphics.Color)	4294931200 (0xFFFF7300)
YUV	143.7500, -70.8688, 97.5662
Hunter-Lab	57.8977, 44.7240, 36.4593

# Details

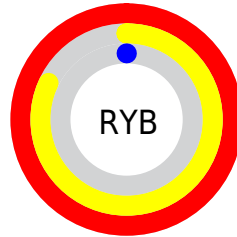
The HunterLab color **57.8977, 44.7240, 36.4593** is a dark color, and the websafe version is hex **FF6600**, and the color name is **philippine orange**. The color can be described as dark saturated orange. A complement of this color would be **50.9659, 6.8704, -78.5336**, and the grayscale version is **52.9531, -2.8254, 2.8770**.

A 20% lighter version of the original color is **71.0293, 18.2392, 39.2506**, and **37.7950, 42.0305, 24.0249** is the 20% darker color. If you saturate the color by 10%, you get **57.8986, 44.7210, 36.4598**, and if you desaturate by 10%, it is **60.8563, 38.0230, 37.2408**.

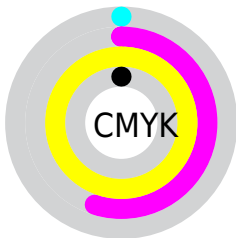
# Distribution



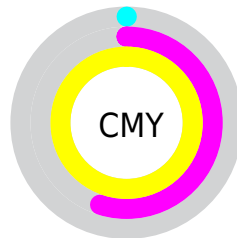
- Red (100%)
- Green (45%)
- Blue (0%)



- Red (100%)
- Yellow (82%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.8977, 44.7240, 36.4593 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 57.8977, 44.7240, 36.4593 by changing the saturation by 10% instead.



57.8977, 44.7240,  
36.4593

57.8977, 44.7240,  
36.4593

178.3259, 55.2072,  
75.6419

47.4633, 43.0710,  
31.2117

80.7414, 47.6855,  
46.2752

37.7427, 41.3100,  
25.9506

93.0770, 49.0147,  
50.8851

28.7947, 39.4461,  
20.1563

105.9837, 50.2497,  
55.3270

20.6928, 37.5210,  
14.4850

119.4373, 51.3966,  
59.6211

13.5370, 35.6750,  
9.4759

133.4165, 52.4610,  
63.7855

7.1225, 37.4051,  
4.9858

147.9021, 53.4479,

0.0000, INF, NaN

67.8352

0.0000, NaN, NaN

162.8771, 54.3619,  
71.7836

0.0000, NaN, NaN

57.8977, 44.7240,  
36.4593

57.8977, 44.7240,  
36.4593

57.8986, 44.7210,  
36.4598

60.8563, 38.0230,  
37.2408

64.1452, 31.5052,  
37.1819

67.7532, 25.3315,  
36.1282

71.6572, 19.5836,  
34.0954

75.8325, 14.3010,  
31.1438

80.2553, 9.4933,  
27.3530

84.9031, 5.1508,  
22.8076

89.7552, 1.2512,  
17.5898

94.7933, -2.2340,  
11.7752

# Harmonies

## Analogous

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



57.8993, 80.0897, 26.3348



57.8977, 44.7240, 36.4593



57.8993, 2.2757, 38.6232

# Triad

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



57.8993, 44.7193, 36.4600



57.8993, -60.1573, 7.9469



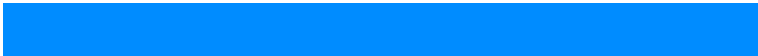
57.8993, 33.1418, -103.3550

# Complementary

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



57.8977, 44.7240, 36.4593



50.9659, 6.8704, -78.5336

# 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.



57.8993, -8.2719, -121.0929



57.8977, 44.7240, 36.4593



57.8993, -55.9328, -37.0950

# Square

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



57.8993, 44.7193, 36.4600



57.8993, -52.7075, 30.4211



57.8993, -39.1321, -91.3823



57.8993, 72.2673, -52.1141



# Rectangle

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



57.8977, 44.7240, 36.4593



57.8993, -22.1216, 38.2523



57.8993, -39.1321, -91.3823



57.8993, 18.7638, -114.4474

# Sweetspot

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



57.8993, 44.7193, 36.4600



84.9022, 5.1519, 22.8090



48.1257, 86.3658, 0.4798



38.3610, 3.2049, 11.4791

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.8993, 44.7193, 36.4600



57.8989, 44.7212, 36.4599



92.1481, -19.7228, 56.4358



43.9729, -1.1083, 5.3086



42.1960, 31.4772, 26.5521



13.9579, 7.9469, 8.7399

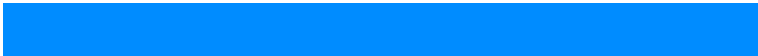


# Inverse Universe

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



50.9659, 6.8704, -78.5336



50.9652, 6.8719, -78.5365



27.3891, 70.6216, -186.6849



43.6245, -3.3885, -0.6998



37.2490, 4.2162, -55.6596



12.5272, -0.2740, -15.0664



# Previews

## White Background



This preview shows how the HunterLab color 57.8977, 44.7240, 36.4593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

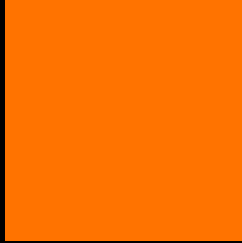
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.8977, 44.7240, 36.4593 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 57.8977, 44.7240, 36.4593 Background



This preview shows how black text looks on a background with the HunterLab color 57.8977, 44.7240, 36.4593.



This preview shows how white text looks on a background with the HunterLab color 57.8977, 44.7240,



# 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

57.8977, 44.7240, 36.4593

### Protanopia

57.9025, -7.7572, 34.6586

### Deuteranopia

57.8798, 3.6772, 35.7296



## Tritanopia

57.8431, 52.6425, 19.6279

# Trichromacy



## Original Color

57.8977, 44.7240, 36.4593

## Protanomaly

56.8855, 10.0755, 34.7579

## Deuteranomaly

57.4033, 18.2028, 35.6903

## Tritanomaly

57.5528, 48.6521, 29.6414

# Monochromacy



## Original Color

57.8977, 44.7240, 36.4593

## Achromatopsia

52.8104, -2.8178, 2.8693

## Achromatomaly

52.6670, 9.8024, 21.2263

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.8977, 44.7240, 36.4593 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, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 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, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.8977, 44.7240, 36.4593 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, 115, 0) }
```



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

```
.border{ border-color:rgb(255, 115, 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, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.8977, 44.7240, 36.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 0) }
```

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

```
.background{ background-color: rgb(255,  
115, 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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