

# Converting Colors

HunterLab(65.6053, 17.6638,  
36.3105)

Have a look what the booklet for  
HunterLab(65.6053, 17.6638,  
36.3105) contains.

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# Color

**HunterLab(65.7074, 17.4428,  
36.4172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF9E40
RGB	239, 158, 64
RGB Percent	94%, 62%, 25%
CMY	0.0627, 0.3804, 0.7490
CMYK	0.00, 0.34, 0.73, 0.06
HSL	32°, 85%, 59%
HSV	32°, 73%, 94%
XYZ	48.7489, 43.1746, 10.6147
YIQ	171.5030, 78.4500, -12.0620

# Conversions

## Conversions Part 2

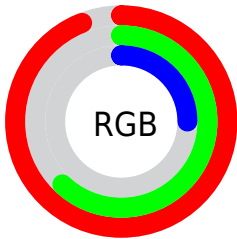
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 239, 64
Decimal	15703616
CIE Lab	71.67, 22.33, 59.11
CIE LCh	72, 63.189, 69.309
Yxy	43.1768, 0.4754, 0.4211
Android (android.graphics.Color)	4293893696 (0xFFEF9E40)
YUV	171.5030, -52.9990, 59.1949
Hunter-Lab	65.7074, 17.4428, 36.4172

# Details

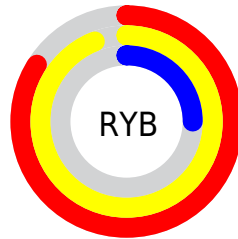
The HunterLab color **65.7074, 17.4428, 36.4172** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **52.5086, 2.6798, -59.8049**, and the grayscale version is **64.2146, -3.4263, 3.4889**.

A 20% lighter version of the original color is **83.7454, -1.0925, 39.6693**, and **44.4669, 16.5739, 27.6904** is the 20% darker color. If you saturate the color by 10%, you get **62.7335, 22.2596, 37.1398**, and if you desaturate by 10%, it is **68.8875, 13.0338, 34.7483**.

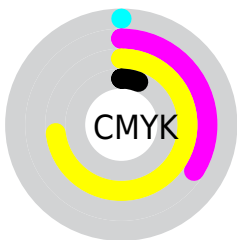
# Distribution



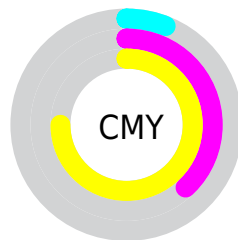
- Red (94%)
- Green (62%)
- Blue (25%)



- Red (84%)
- Yellow (94%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (6%)




- Cyan (6%)
- Magenta (38%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7074, 17.4428, 36.4172 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 65.7074, 17.4428, 36.4172 by changing the saturation by 10% instead.





 65.7074, 17.4428,  
36.4172


 65.7074, 17.4428,  
36.4172


189.5622, 18.8306,  
68.3711


 54.7941, 16.9387,  
32.1903


 89.4302, 18.1901,  
44.3212


 44.5609, 16.3417,  
27.7378


 102.1735, 18.4558,  
48.0492


 35.0584, 15.6352,  
23.0346


 115.4705, 18.6564,  
51.6562

 26.3479, 14.8031,  
18.4436

 129.2989, 18.7968,  
55.1588

 18.5093, 13.8259,  
12.9565

 143.6391, 18.8810,  
58.5708

 11.6531, 12.6858,  
8.1571

158.4735, 18.9128,

 4.3060, 22.3635,

61.9039

3.0142

173.7860, 18.8950,  
65.1679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7074, 17.4428,  
36.4172

■ 65.7074, 17.4428,  
36.4172

■ 62.7335, 22.2596,  
37.1398

■ 68.8875, 13.0338,  
34.7483

■ 59.9702, 27.4437,  
36.9412

■ 72.2572, 9.0668,  
32.1522

■ 58.2147, 31.0942,  
36.4160


■ 75.8055, 5.5423,  
28.6767


■ 79.5201, 2.4514,  
24.3817


■ 83.3889, -0.2232,

19.3317

 87.4007, -2.5040,  
13.5916

 91.5448, -4.4158,  
7.2230

 95.8049, -6.0219,  
0.3800

 98.5346, -10.4716,  
3.6061

# Harmonies

## Analogous

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



65.7091, 45.5984, 29.1404



65.7074, 17.4428, 36.4172



65.7091, -12.3131, 37.3951

# Triad

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



65.7091, 17.4392, 36.4179



65.7091, -50.0897, -5.6235



65.7091, 35.8022, -52.3317

# Complementary

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



65.7074, 17.4428, 36.4172



52.5086, 2.6798, -59.8049

# 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.



65.7091, 5.7833, -73.5524



65.7074, 17.4428, 36.4172



65.7091, -41.4218, -39.8359

# Square

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



65.7091, 17.4392, 36.4179



65.7091, -48.0678, 19.7330



65.7091, -22.1237, -68.1868



65.7091, 57.4150, -18.1317



# Rectangle

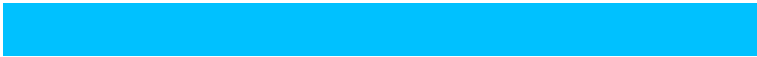
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7074, 17.4428, 36.4172



65.7091, -28.7049, 35.1097



65.7091, -22.1237, -68.1868



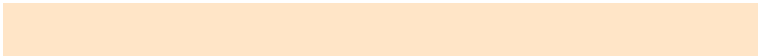
65.7091, 26.1671, -61.7732

# Sweetspot

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



65.7091, 17.4392, 36.4179



90.2425, -0.5420, 20.1376



49.0742, 69.0440, -1.2438



41.2166, 0.0856, 10.0470

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.7091, 17.4392, 36.4179



65.9817, 26.7537, 39.9858



89.1372, -24.9238, 51.2630



41.4310, -1.5193, 5.2540



43.5820, 22.4301, 27.2477



13.3381, 4.8180, 8.3032



# Inverse Universe

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



52.5086, 2.6798, -59.8049



49.6811, 10.7551, -82.1043



33.4591, 47.7571, -123.2510



40.5395, -2.6950, -0.9852



31.5229, 11.9721, -65.2451



10.1179, 1.4329, -15.7397



# Previews

## White Background



This preview shows how the HunterLab color 65.7074, 17.4428, 36.4172 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 65.7074, 17.4428, 36.4172 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 65.7074, 17.4428, 36.4172 Background



This preview shows how black text looks on a background with the HunterLab color 65.7074, 17.4428, 36.4172.



This preview shows how white text looks on a background with the HunterLab color 65.7074, 17.4428,



# 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

65.7074, 17.4428, 36.4172

### Protanopia

65.7390, -8.1574, 35.2873

### Deuteranopia

65.7191, 4.9789, 36.6000



## Tritanopia

65.6472, 33.3186, 11.4103

# Trichromacy



## Original Color

65.7074, 17.4428, 36.4172

## Protanomaly

65.4051, 1.1272, 35.5083

## Deuteranomaly

65.7492, 9.3433, 36.5682

## Tritanomaly

65.5488, 26.4271, 23.6054

# Monochromacy



## Original Color

65.7074, 17.4428, 36.4172

## Achromatopsia

64.2295, -3.4271, 3.4897

## Achromatomaly

64.0833, 1.5484, 18.9844

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.7074, 17.4428, 36.4172 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(239, 158, 64)` looks like.

```
.text, #text, p{  
    color:rgb(239, 158, 64)  
}
```

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(239, 158, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 158, 64) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.7074, 17.4428, 36.4172 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(239, 158, 64) }
```



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

```
.border{ border-color:rgb(239, 158, 64) }
```

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

Here you see how a box with a 4 pixel rgb(239, 158, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 158, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 158, 64);  
box-shadow:4px 4px 4px 4px rgb(239, 158,  
64) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.7074, 17.4428, 36.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 158, 64) }
```

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

```
.background{ background-color: rgb(239,  
158, 64) }
```

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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