

Converting Colors

HunterLab(66.0224, 17.8940,
35.7911)

Have a look what the booklet for
HunterLab(66.0224, 17.8940,
35.7911) contains.

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Color

**HunterLab(65.8948, 18.1433,
35.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	F09E46
RGB	240, 158, 70
RGB Percent	94%, 62%, 27%
CMY	0.0588, 0.3804, 0.7255
CMYK	0.00, 0.34, 0.71, 0.06
HSL	31°, 85%, 61%
HSV	31°, 71%, 94%
XYZ	49.2676, 43.4212, 11.5788
YIQ	172.4860, 77.1200, -9.9840

Conversions

Conversions Part 2

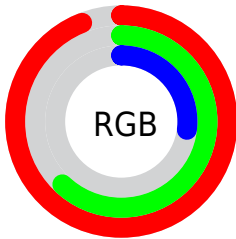
Format	Color
R _Y B	228, 240, 70
Decimal	15769158
CIE Lab	71.84, 23.02, 56.69
CIE LCh	72, 61.191, 67.899
Yxy	43.4235, 0.4725, 0.4164
Android (android.graphics.Color)	4293959238 (0xFFFF09E46)
YUV	172.4860, -50.5256, 59.2098
Hunter-Lab	65.8948, 18.1433, 35.7081

Details

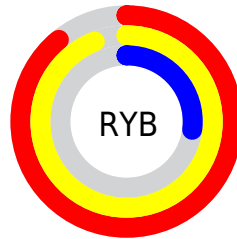
The HunterLab color **65.8948, 18.1433, 35.7081** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **54.8164, 0.0728, -55.3865**, and the grayscale version is **64.6126, -3.4476, 3.5105**.

A 20% lighter version of the original color is **83.8174, -0.7007, 38.6113**, and **44.6328, 17.1445, 27.2968** is the 20% darker color. If you saturate the color by 10%, you get **62.7801, 23.1244, 36.6483**, and if you desaturate by 10%, it is **69.2290, 13.5760, 33.8263**.

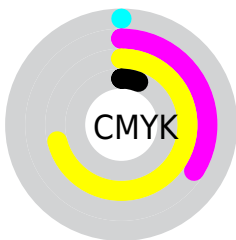
Distribution



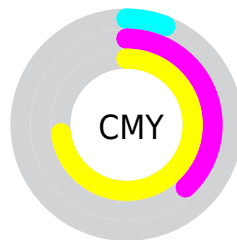
- Red (94%)
- Green (62%)
- Blue (27%)



- Red (89%)
- Yellow (94%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (71%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.8948, 18.1433, 35.7081 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 65.8948, 18.1433, 35.7081 by changing the saturation by 10% instead.


 65.8948, 18.1433,
35.7081


 65.8948, 18.1433,
35.7081


189.8290, 19.7595,
66.5155

 54.9705, 17.6096,
31.6421


 89.6379, 18.9468,
43.3134


 44.7255, 16.9819,
27.3571


 102.3906, 19.2393,
46.9031


 35.2105, 16.2437,
22.8211

 115.6966, 19.4659,
50.3785

 26.4862, 15.3789,
18.5403

 129.5337, 19.6314,
53.7554

 18.6322, 14.3687,
13.0426

 143.8823, 19.7402,
57.0473

 11.7585, 13.1970,
8.2309

158.7247, 19.7957,

 4.5151, 21.9779,

60.2653

3.1606

174.0451, 19.8012,
63.4187

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8948, 18.1433,
35.7081

■ 65.8948, 18.1433,
35.7081

■ 62.7801, 23.1244,
36.6483

■ 69.2290, 13.5760,
33.8263

■ 59.8922, 28.4810,
36.6523

■ 72.7635, 9.4545,
31.0355


■ 57.4469, 33.6162,
35.9870


■ 76.4857, 5.7769,
27.3927


■ 80.3812, 2.5319,
22.9636


■ 84.4368, -0.3000,

17.8164

 88.6402, -2.7429,
12.0172

 92.9799, -4.8232,
5.6281

 97.2097, -7.8652,
2.0595

 98.6231, -10.1591,
3.7172

Harmonies

Analogous

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



65.8965, 44.9394, 28.0499



65.8948, 18.1433, 35.7081



65.8965, -10.8043, 36.9478

Triad

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



65.8965, 18.1397, 35.7088



65.8965, -49.0736, -3.8998



65.8965, 33.1911, -51.4521

Complementary

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



65.8948, 18.1433, 35.7081



54.8164, 0.0728, -55.3865

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.



65.8965, 4.0960, -70.6531



65.8948, 18.1433, 35.7081



65.8965, -41.0693, -36.5978

Square

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



65.8965, 18.1397, 35.7088



65.8965, -46.5963, 20.1875



65.8965, -22.6987, -64.3028



65.8965, 54.5971, -18.9119

Rectangle

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



65.8948, 18.1433, 35.7081



65.8965, -27.0128, 34.8220



65.8965, -22.6987, -64.3028



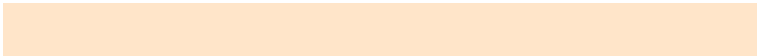
65.8965, 23.8094, -60.1918

Sweetspot

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



65.8965, 18.1397, 35.7088



90.3504, -0.2546, 19.2249



50.1780, 68.0231, -3.0750



41.2363, 0.2525, 9.6326

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.8965, 18.1397, 35.7088



65.8487, 27.2786, 39.3830



89.8862, -23.7605, 51.1491



41.3672, -1.4121, 5.1854



42.8179, 24.1523, 26.8070



13.1317, 5.2505, 8.1836

Inverse Universe

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



54.8164, 0.0728, -55.3865



52.1724, 6.7199, -75.2486



34.7591, 45.2351, -118.4067



40.6041, -2.8014, -0.9060



32.4263, 10.1108, -62.3563



10.3587, 0.9913, -15.0875

Previews

White Background



This preview shows how the HunterLab color 65.8948, 18.1433, 35.7081 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 65.8948, 18.1433, 35.7081 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 65.8948, 18.1433, 35.7081 Background



This preview shows how black text looks on a background with the HunterLab color 65.8948, 18.1433, 35.7081.



This preview shows how white text looks on a background with the HunterLab color 65.8948, 18.1433,

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

65.8948, 18.1433, 35.7081

Protanopia

66.0969, -8.3025, 34.6122

Deuteranopia

66.0501, 4.7570, 36.0163



Tritanopia

66.0498, 33.3172, 11.4289

Trichromacy



Original Color

65.8948, 18.1433, 35.7081

Protanomaly

65.7477, 0.9469, 34.8457

Deuteranomaly

65.8021, 9.6225, 35.7878

Tritanomaly

65.7433, 27.1316, 22.8780

Monochromacy



Original Color

65.8948, 18.1433, 35.7081

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.2316, 2.1393, 18.4585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.8948, 18.1433, 35.7081 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(240, 158, 70)` looks like.

```
.text, #text, p{  
    color:rgb(240, 158, 70)  
}
```

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(240, 158, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 158, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 65.8948, 18.1433, 35.7081 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(240, 158, 70) }
```


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

```
.border{ border-color:rgb(240, 158, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 158, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 158, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 158, 70);  
box-shadow:4px 4px 4px 4px rgb(240, 158,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.8948, 18.1433, 35.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 158, 70) }
```

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

```
.background{ background-color: rgb(240,  
158, 70) }
```

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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