

Converting Colors

HunterLab(64.8350, 18.5319,
35.2212)

Have a look what the booklet for
HunterLab(64.8350, 18.5319,
35.2212) contains.

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Color

**HunterLab(64.8361, 18.7533,
35.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9B44
RGB	238, 155, 68
RGB Percent	93%, 61%, 27%
CMY	0.0667, 0.3921, 0.7333
CMYK	0.00, 0.35, 0.71, 0.07
HSL	31°, 83%, 60%
HSV	31°, 71%, 93%
XYZ	48.0247, 42.0372, 11.0516
YIQ	169.8990, 77.3950, -9.4610

Conversions

Conversions Part 2

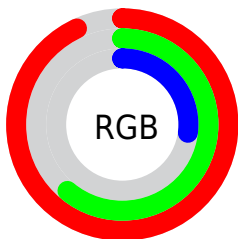
Format	Color
R _Y B	230, 238, 68
Decimal	15637316
CIE Lab	70.90, 23.68, 56.53
CIE LCh	71, 61.289, 67.269
Yxy	42.0393, 0.4749, 0.4157
Android (android.graphics.Color)	4293827396 (0xFFEE9B44)
YUV	169.8990, -50.2362, 59.7246
Hunter-Lab	64.8361, 18.7533, 35.2790

Details

The HunterLab color **64.8361, 18.7533, 35.2790** 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 **54.3449, -0.2371, -54.7659**, and the grayscale version is **63.5398, -3.3903, 3.4522**.

A 20% lighter version of the original color is **82.8910, 0.6778, 38.3790**, and **43.8972, 17.2605, 26.9636** is the 20% darker color. If you saturate the color by 10%, you get **61.7429, 23.7771, 36.1545**, and if you desaturate by 10%, it is **68.1519, 14.1355, 33.4731**.

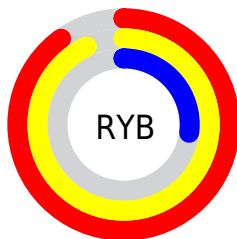
Distribution



Red (93%)

Green (61%)

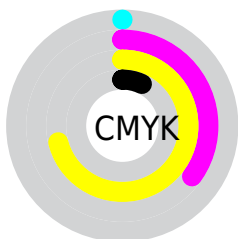
Blue (27%)



Red (90%)

Yellow (93%)

Blue (27%)

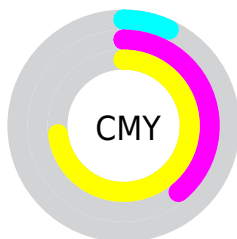


Cyan (0%)

Magenta (35%)

Yellow (71%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8361, 18.7533, 35.2790 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 64.8361, 18.7533, 35.2790 by changing the saturation by 10% instead.

64.8361, 18.7533,
35.2790

64.8361, 18.7533,
35.2790

188.3205, 20.6465,
66.0939

53.9742, 18.1814,
31.2047

88.4642, 19.6275,
42.8941

43.7959, 17.5133,
26.9088

101.1635, 19.9529,
46.4862

34.3525, 16.7321,
22.3591

114.4183, 20.2110,
49.9626

25.7066, 15.8216,
17.9946

128.2061, 20.4069,
53.3397

17.9398, 14.7635,
12.5579

142.5073, 20.5449,
56.6310

11.1659, 13.5451,
7.8161

157.3038, 20.6288,

3.1531, 32.5604,

59.8477

2.2071

172.5798, 20.6617,
62.9993

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8361, 18.7533,
35.2790

■ 64.8361, 18.7533,
35.2790

■ 61.7429, 23.7771,
36.1545

■ 68.1519, 14.1355,
33.4731

■ 58.8802, 29.1652,
36.1068

■ 71.6709, 9.9578,
30.7690

■ 56.6118, 33.9745,
35.4787


■ 75.3797, 6.2197,
27.2237


■ 79.2639, 2.9106,
22.9032


■ 83.3097, 0.0116,

17.8756

 87.5045, -2.5012,
12.2071

 91.8366, -4.6542,
5.9595

 96.1807, -7.1054,
0.8213

 98.4465, -10.7829,
3.4954

Harmonies

Analogous

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



64.8378, 45.3481, 27.5661



64.8361, 18.7533, 35.2790



64.8378, -10.1548, 36.6042

Triad

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



64.8378, 18.7497, 35.2797



64.8378, -48.8041, -3.3121



64.8378, 32.5833, -52.1010

Complementary

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



64.8361, 18.7533, 35.2790



54.3449, -0.2371, -54.7659

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.



64.8378, 3.5115, -70.8990



64.8361, 18.7533, 35.2790



64.8378, -41.0827, -35.9183

Square

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



64.8378, 18.7497, 35.2797



64.8378, -46.1294, 20.4060



64.8378, -23.0372, -63.9722



64.8378, 54.2362, -19.6224

Rectangle

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



64.8361, 18.7533, 35.2790



64.8378, -26.3951, 34.5985



64.8378, -23.0372, -63.9722



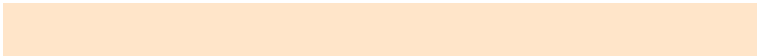
64.8378, 23.1785, -60.7440

Sweetspot

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



64.8378, 18.7497, 35.2797



90.2539, -0.0892, 19.1293



49.6100, 68.1757, -4.2549



41.1861, 0.3389, 9.5839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8378, 18.7497, 35.2797



65.2271, 28.5220, 39.1966



89.2990, -22.5917, 50.9988



41.3480, -1.3798, 5.1646



42.5916, 24.6699, 26.6766



13.0702, 5.3809, 8.1480

Inverse Universe

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



54.3449, -0.2371, -54.7659



52.1185, 6.5868, -75.3953



33.9655, 45.0565, -119.4801



40.6236, -2.8335, -0.8821



32.7026, 9.5534, -61.4985



10.4321, 0.8590, -14.8936

Previews

White Background



This preview shows how the HunterLab color 64.8361, 18.7533, 35.2790 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 64.8361, 18.7533, 35.2790 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 64.8361, 18.7533, 35.2790 Background



This preview shows how black text looks on a background with the HunterLab color 64.8361, 18.7533, 35.2790.



This preview shows how white text looks on a background with the HunterLab color 64.8361, 18.7533,

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

64.8361, 18.7533, 35.2790

Protanopia

64.8876, -8.0162, 33.9234

Deuteranopia

64.8411, 4.9698, 35.4689



Tritanopia

64.8172, 33.1922, 11.7508

Trichromacy



Original Color

64.8361, 18.7533, 35.2790

Protanomaly

64.5450, 1.2145, 34.1619

Deuteranomaly

64.7230, 10.2327, 35.3395

Tritanomaly

64.5375, 27.1797, 22.7252

Monochromacy



Original Color

64.8361, 18.7533, 35.2790

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.4081, 2.1873, 18.3609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8361, 18.7533, 35.2790 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(238, 155, 68)` looks like.

```
.text, #text, p{  
    color:rgb(238, 155, 68)  
}
```

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(238, 155, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 155, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8361, 18.7533, 35.2790 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(238, 155, 68) }
```


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

```
.border{ border-color:rgb(238, 155, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 155, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 155, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 155, 68);  
box-shadow:4px 4px 4px 4px rgb(238, 155,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8361, 18.7533, 35.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 155, 68) }
```

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

```
.background{ background-color: rgb(238,  
155, 68) }
```

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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