

# Converting Colors

HunterLab(57.7299, 26.2364,  
33.3876)

Have a look what the booklet for  
HunterLab(57.7299, 26.2364,  
33.3876) contains.

<b>HunterLab(57.7562, 25.8180, 33.3877)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(57.7562, 25.8180,  
33.3877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5842E
RGB	229, 132, 46
RGB Percent	90%, 52%, 18%
CMY	0.1020, 0.4823, 0.8196
CMYK	0.00, 0.42, 0.80, 0.10
HSL	28°, 78%, 54%
HSV	28°, 80%, 90%
XYZ	41.0575, 33.3578, 6.8595
YIQ	151.1990, 85.4180, -6.1820

# Conversions

## Conversions Part 2

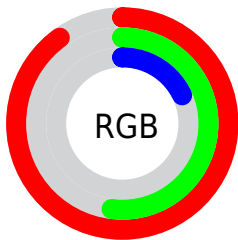
Format	Color
R <sub>Y</sub> B	229, 208, 46
Decimal	15041582
CIE Lab	64.45, 31.20, 59.13
CIE LCh	64, 66.852, 62.181
Yxy	33.3595, 0.5052, 0.4104
Android (android.graphics.Color)	4293231662 (0xFFE5842E)
YUV	151.1990, -51.8631, 68.2315
Hunter-Lab	57.7562, 25.8180, 33.3877

# Details

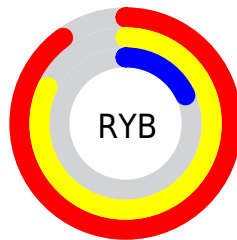
The HunterLab color **57.7562, 25.8180, 33.3877** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **50.8738, -0.9918, -55.0606**, and the grayscale version is **55.8906, -2.9822, 3.0366**.

A 20% lighter version of the original color is **75.6701, 11.4799, 37.7746**, and **37.5504, 24.0290, 23.5591** is the 20% darker color. If you saturate the color by 10%, you get **54.8832, 31.3470, 33.4860**, and if you desaturate by 10%, it is **60.8906, 20.6069, 32.4144**.

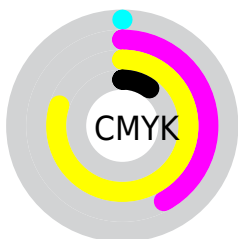
# Distribution



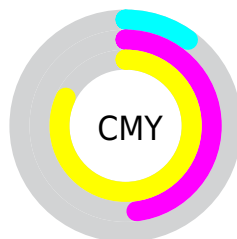
- Red (90%)
- Green (52%)
- Blue (18%)



- Red (90%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (42%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.7562, 25.8180, 33.3877 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 57.7562, 25.8180, 33.3877 by changing the saturation by 10% instead.



57.7562, 25.8180,  
33.3877

57.7562, 25.8180,  
33.3877

178.1198, 30.6418,  
66.0720

47.3308, 24.8519,  
29.0007

80.5832, 27.4301,  
41.5464

37.6199, 23.7716,  
24.3662

92.9111, 28.1024,  
45.3748

28.6825, 22.5609,  
20.0384

105.8105, 28.6943,  
49.0681

20.5924, 21.2102,  
14.4147

119.2571, 29.2123,  
52.6452

13.4498, 19.7275,  
9.4148

133.2294, 29.6617,  
56.1219

7.0196, 20.5866,  
4.9137

147.7085, 30.0471,

0.0000, INF, NaN

59.5116

0.0000, NaN, NaN

162.6772, 30.3726,  
62.8252

0.0000, NaN, NaN

■ 57.7562, 25.8180,  
33.3877

■ 57.7562, 25.8180,  
33.3877

■ 54.8832, 31.3470,  
33.4860

■ 60.8906, 20.6069,  
32.4144

■ 52.2752, 37.0730,  
32.8542

■ 64.2641, 15.7846,  
30.5758


■ 52.2532, 37.1234,  
32.8481


■ 67.8596, 11.3744,  
27.9208


■ 71.6583, 7.3811,  
24.5148

■ 75.6429, 3.7945,  
20.4284

 79.7971, 0.5948,  
15.7310

 84.1063, -2.2423,  
10.4876

 88.5573, -4.7438,  
4.7566

 93.1386, -6.9370,  
-1.4098

# Harmonies

## Analogous

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



57.7577, 53.1340, 25.1174



57.7562, 25.8180, 33.3877



57.7577, -5.2259, 35.2362

# Triad

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



57.7577, 25.8143, 33.3883



57.7577, -49.5079, 1.0543



57.7577, 30.3044, -63.6293

# Complementary

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



57.7562, 25.8180, 33.3877



50.8738, -0.9918, -55.0606

# 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.



57.7577, -0.9122, -80.8399



57.7562, 25.8180, 33.3877



57.7577, -43.6507, -33.5704

# Square

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



57.7577, 25.8143, 33.3883



57.7577, -45.1479, 23.0688



57.7577, -27.2251, -67.7495



57.7577, 56.0705, -28.0988



# Rectangle

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



57.7562, 25.8180, 33.3877



57.7577, -22.9616, 34.1006



57.7577, -27.2251, -67.7495



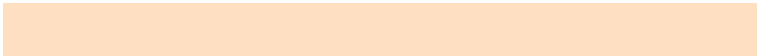
57.7577, 19.9063, -72.3726

# Sweetspot

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



57.7577, 25.8143, 33.3883



88.1408, 2.1496, 20.0962



45.4021, 71.0987, -5.0268



40.0028, 1.6009, 10.1667

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.7577, 25.8143, 33.3883



60.0109, 39.7219, 37.3844



83.4127, -19.3574, 49.2222



39.3437, -1.1028, 4.7774



39.8095, 27.3501, 25.0092



11.6438, 5.5499, 7.2720



# Inverse Universe

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



50.8738, -0.9918, -55.0606



51.0169, 7.1078, -78.3888



29.5011, 48.2214, -129.9568



38.9172, -2.9193, -0.6662



33.6877, 5.3895, -53.7412



10.1208, -0.2476, -12.1157



# Previews

## White Background



This preview shows how the HunterLab color 57.7562, 25.8180, 33.3877 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 57.7562, 25.8180, 33.3877 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 57.7562, 25.8180, 33.3877 Background



This preview shows how black text looks on a background with the HunterLab color 57.7562, 25.8180, 33.3877.



This preview shows how white text looks on a background with the HunterLab color 57.7562, 25.8180,



# 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

57.7562, 25.8180, 33.3877

### Protanopia

57.8662, -7.5563, 32.0735

### Deuteranopia

57.8893, 3.9623, 33.7746



## Tritanopia

57.7970, 37.7615, 13.8816

# Trichromacy



**Original Color**

57.7562, 25.8180, 33.3877

**Protanomaly**

57.4562, 4.0586, 32.3614

**Deuteranomaly**

57.7645, 11.8097, 33.5526

**Tritanomaly**

57.6837, 32.7869, 23.4637

# Monochromacy



**Original Color**

57.7562, 25.8180, 33.3877

**Achromatopsia**

55.6299, -2.9683, 3.0225

**Achromatomaly**

55.4279, 4.5866, 17.5233

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.7562, 25.8180, 33.3877 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(229, 132, 46)` looks like.

```
.text, #text, p{  
    color:rgb(229, 132, 46)  
}
```

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(229, 132, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 132, 46) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.7562, 25.8180, 33.3877 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(229, 132, 46) }
```



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

```
.border{ border-color:rgb(229, 132, 46) }
```

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

Here you see how a box with a 4 pixel rgb(229, 132, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 132, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 132, 46);  
box-shadow:4px 4px 4px 4px rgb(229, 132,  
46) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.7562, 25.8180, 33.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 132, 46) }
```

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

```
.background{ background-color: rgb(229,  
132, 46) }
```

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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