

# Converting Colors

HunterLab(58.7253, 27.0902,  
34.7208)

Have a look what the booklet for  
HunterLab(58.7253, 27.0902,  
34.7208) contains.

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# Color

**HunterLab(58.6634, 27.2215,  
34.6847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA8527
RGB	234, 133, 39
RGB Percent	92%, 52%, 15%
CMY	0.0824, 0.4784, 0.8470
CMYK	0.00, 0.43, 0.83, 0.08
HSL	29°, 82%, 54%
HSV	29°, 83%, 92%
XYZ	42.6854, 34.4139, 6.3123
YIQ	152.4830, 90.3700, -7.8220

# Conversions

## Conversions Part 2

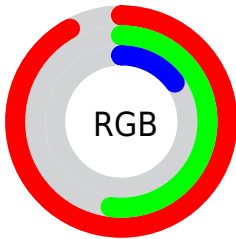
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 220, 39
Decimal	15369511
CIE <sub>Lab</sub>	65.29, 32.51, 62.75
CIE <sub>LCh</sub>	65, 70.670, 62.613
Yxy	34.4158, 0.5117, 0.4126
Android (android.graphics.Color)	4293559591 (0xFFEA8527)
YUV	152.4830, -55.9471, 71.4904
Hunter-Lab	58.6634, 27.2215, 34.6847

# Details

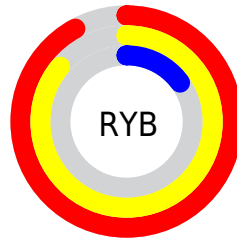
The HunterLab color **58.6634, 27.2215, 34.6847** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **50.1267, 1.5360, -61.1563**, and the grayscale version is **56.4255, -3.0107, 3.0657**.

A 20% lighter version of the original color is **75.8887, 10.6419, 38.8577**, and **38.4776, 25.5873, 24.1577** is the 20% darker color. If you saturate the color by 10%, you get **55.8355, 32.8674, 34.4767**, and if you desaturate by 10%, it is **61.7527, 21.8831, 34.0032**.

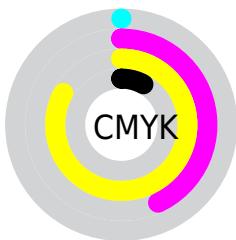
# Distribution



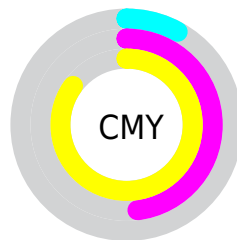
- Red (92%)
- Green (52%)
- Blue (15%)



- Red (92%)
- Yellow (86%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (83%)
- Black (8%)



- Cyan (8%)
- Magenta (48%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.6634, 27.2215, 34.6847 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 58.6634, 27.2215, 34.6847 by changing the saturation by 10% instead.



58.6634, 27.2215,  
34.6847

58.6634, 27.2215,  
34.6847

179.4386, 32.4239,  
69.0280

48.1801, 26.2096,  
30.0781

81.5964, 28.9234,  
43.2639

38.4070, 25.0834,  
25.2231

93.9733, 29.6394,  
47.2908

29.4021, 23.8277,  
20.5815

106.9196, 30.2743,  
51.1746

21.2373, 22.4341,  
14.8661

120.4112, 30.8343,  
54.9348

14.0103, 20.9135,  
9.8072

134.4268, 31.3249,  
58.5875

7.6536, 20.6475,  
5.3575

148.9477, 31.7508,

0.0000, INF, NaN

62.1466

0.0000, NaN, NaN

163.9567, 32.1159,  
65.6235

0.0000, NaN, NaN

■ 58.6634, 27.2215,  
34.6847

■ 58.6634, 27.2215,  
34.6847

■ 55.8355, 32.8674,  
34.4767

■ 61.7527, 21.8831,  
34.0032

■ 54.0919, 36.7260,  
33.9741

■ 65.0831, 16.9336,  
32.4177

■ 68.6387, 12.4040,  
29.9649

■ 72.4015, 8.3041,  
26.7046

■ 76.3544, 4.6270,  
22.7060

80.4814, 1.3553,  
18.0400

84.7677, -1.5346,  
12.7743

89.2001, -4.0695,  
6.9712

93.7666, -6.2768,  
0.6868

# Harmonies

## Analogous

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



58.6650, 56.6989, 26.4387



58.6634, 27.2215, 34.6847



58.6650, -5.8542, 36.4356

# Triad

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



58.6650, 27.2177, 34.6853



58.6650, -51.9859, 0.5206



58.6650, 32.9805, -68.4574

# Complementary

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



58.6634, 27.2215, 34.6847



50.1267, 1.5360, -61.1563

# 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.



58.6650, -0.3620, -87.6996



58.6634, 27.2215, 34.6847



58.6650, -45.7301, -36.8338

# Square

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



58.6650, 27.2177, 34.6853



58.6650, -47.6015, 23.9056



58.6650, -28.3444, -73.8457



58.6650, 60.4867, -29.7428



# Rectangle

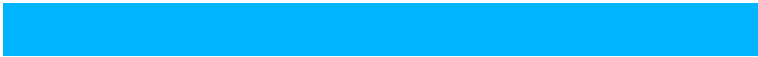
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.6634, 27.2215, 34.6847



58.6650, -24.5401, 35.2808



58.6650, -28.3444, -73.8457



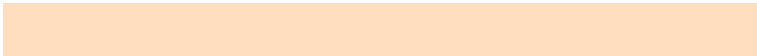
58.6650, 21.8649, -78.1235

# Sweetspot

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



58.6650, 27.2177, 34.6853



87.9010, 2.1064, 20.8570



45.7458, 74.5228, -4.1883



39.9196, 1.5532, 10.5063

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.6650, 27.2177, 34.6853



59.5051, 40.7964, 37.3810



85.3525, -19.9064, 50.9118



40.3143, -1.1912, 4.9387



40.8555, 26.8012, 25.6442



12.2577, 5.6727, 7.6524

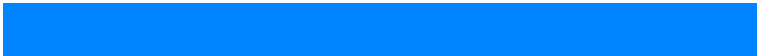


# Inverse Universe

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



50.1267, 1.5360, -61.1563



48.7252, 11.1177, -84.9021



28.7877, 52.8346, -141.6553



39.7989, -2.9260, -0.7371



33.6195, 6.6196, -56.3112



10.3928, 0.0926, -13.1900



# Previews

## White Background



This preview shows how the HunterLab color 58.6634, 27.2215, 34.6847 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 58.6634, 27.2215, 34.6847 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 58.6634, 27.2215, 34.6847 Background



This preview shows how black text looks on a background with the HunterLab color 58.6634, 27.2215, 34.6847.



This preview shows how white text looks on a background with the HunterLab color 58.6634, 27.2215,



# 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

58.6634, 27.2215, 34.6847

### Protanopia

58.7014, -7.6977, 33.4261

### Deuteranopia

58.7421, 3.9219, 35.0255



## Tritanopia

58.5542, 39.8969, 14.3101

# Trichromacy



## Original Color

58.6634, 27.2215, 34.6847

## Protanomaly

58.3034, 3.9946, 33.6720

## Deuteranomaly

58.3553, 12.2767, 34.7113

## Tritanomaly

58.3816, 34.7046, 24.5940

# Monochromacy



## Original Color

58.6634, 27.2215, 34.6847

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

55.9853, 4.9644, 18.6582

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.6634, 27.2215, 34.6847 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(234, 133, 39)` looks like.

```
.text, #text, p{  
    color:rgb(234, 133, 39)  
}
```

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(234, 133, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 133, 39) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.6634, 27.2215, 34.6847 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(234, 133, 39) }
```



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

```
.border{ border-color:rgb(234, 133, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 133, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 133, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 133, 39);  
box-shadow:4px 4px 4px 4px rgb(234, 133,  
39) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.6634, 27.2215, 34.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 133, 39) }
```

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

```
.background{ background-color: rgb(234,  
133, 39) }
```

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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