

Converting Colors

HunterLab(56.7663, 18.6737,
34.0782)

Have a look what the booklet for
HunterLab(56.7663, 18.6737,
34.0782) contains.

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Color

**HunterLab(56.7172, 18.7680,
34.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	D9871D
RGB	217, 135, 29
RGB Percent	85%, 53%, 11%
CMY	0.1490, 0.4706, 0.8863
CMYK	0.00, 0.38, 0.87, 0.15
HSL	34°, 76%, 48%
HSV	34°, 87%, 85%
XYZ	37.5011, 32.1684, 5.3950
YIQ	147.4340, 82.8980, -15.5820

Conversions

Conversions Part 2

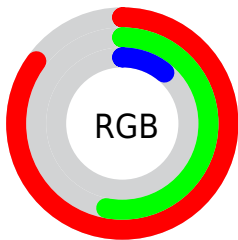
Format	Color
RYB	174, 217, 29
Decimal	14255901
CIELab	63.48, 24.13, 63.58
CIELCh	63, 68.002, 69.220
Yxy	32.1701, 0.4996, 0.4285
Android (android.graphics.Color)	4292445981 (0xFFD9871D)
YUV	147.4340, -58.3880, 61.0094
Hunter-Lab	56.7172, 18.7680, 34.0623

Details

The HunterLab color **56.7172, 18.7680, 34.0623** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **40.7914, 10.5118, -70.0953**, and the grayscale version is **54.3961, -2.9024, 2.9554**.

A 20% lighter version of the original color is **76.0804, 9.6559, 40.3518**, and **36.8306, 17.7376, 23.0054** is the 20% darker color. If you saturate the color by 10%, you get **54.3806, 23.1900, 33.6863**, and if you desaturate by 10%, it is **59.2262, 14.6510, 33.6501**.

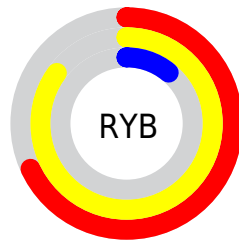
Distribution



Red (85%)

Green (53%)

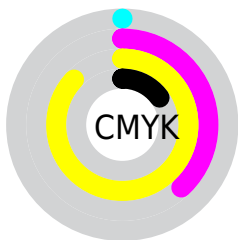
Blue (11%)



Red (68%)

Yellow (85%)

Blue (11%)

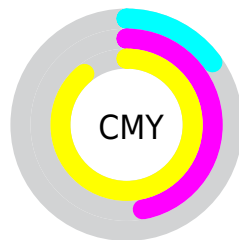


Cyan (0%)

Magenta (38%)

Yellow (87%)

Black (15%)



Cyan (15%)

Magenta (47%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7172, 18.7680, 34.0623 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 56.7172, 18.7680, 34.0623 by changing the saturation by 10% instead.

■ 56.7172, 18.7680,
34.0623

■ 56.7172, 18.7680,
34.0623

176.6050, 21.2436,
69.0141

■ 46.3589, 18.1032,
29.3582

■ 79.4214, 19.8047,
42.8157

■ 36.7202, 17.3317,
24.4181

■ 91.6926, 20.2020,
46.9195

■ 27.8612, 16.4346,
19.5028

■ 104.5378, 20.5270,
50.8741

■ 19.8578, 15.3943,
13.9005

■ 117.9324, 20.7856,
54.6998

■ 12.8137, 14.1960,
8.9696

■ 131.8548, 20.9826,
58.4134

■ 6.2098, 16.7467,
4.3468

■ 146.2856, 21.1223,

0.0000, NaN, NaN

62.0292

0.0000, NaN, NaN

161.2076, 21.2082,
65.5594

0.0000, NaN, NaN

■ 56.7172, 18.7680,
34.0623

■ 56.7172, 18.7680,
34.0623

■ 54.3806, 23.1900,
33.6863

■ 59.2262, 14.6510,
33.6501

■ 53.6268, 24.7113,
33.4772

■ 61.8988, 10.8994,
32.3935

■ 64.7287, 7.5334,
30.2950

■ 67.7074, 4.5596,
27.3841

■ 70.8256, 1.9729,
23.7055

■ 74.0743, -0.2392,
19.3113

■ 77.4448, -2.0943,
14.2558

■ 80.9287, -3.6127,
8.5926

■ 84.5185, -4.8158,
2.3729

Harmonies

Analogous

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



56.7187, 48.5389, 27.8703



56.7172, 18.7680, 34.0623



56.7187, -11.9220, 34.8406

Triad

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



56.7187, 18.7646, 34.0629



56.7187, -49.2320, -6.3596



56.7187, 37.9398, -57.4562

Complementary

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



56.7172, 18.7680, 34.0623



40.7914, 10.5118, -70.0953

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.



56.7187, 6.4472, -81.3740



56.7172, 18.7680, 34.0623



56.7187, -40.9451, -43.3241

Square

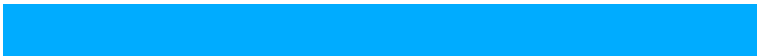
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7187, 18.7646, 34.0629



56.7187, -47.2759, 19.2210



56.7187, -21.9603, -75.1763



56.7187, 61.1013, -19.8552

Rectangle

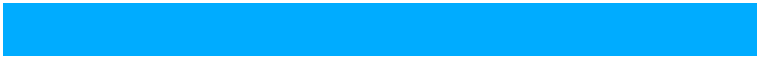
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7172, 18.7680, 34.0623



56.7187, -28.3791, 33.0314



56.7187, -21.9603, -75.1763



56.7187, 27.7412, -68.0618

Sweetspot

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



56.7187, 18.7646, 34.0629



89.0838, -0.3834, 22.9574



41.0322, 67.7024, 3.6370



40.5747, 0.2262, 11.5227

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.7187, 18.7646, 34.0629



64.1411, 30.1844, 40.0519



79.4141, -24.4887, 47.6378



37.7672, -1.5210, 4.8376



41.9794, 18.6726, 26.1944



11.4545, 3.1581, 7.1135

Inverse Universe

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



40.7914, 10.5118, -70.0953



43.1698, 22.6889, -102.9373



25.1167, 53.9644, -138.5392



36.8060, -2.3166, -0.9636



28.5488, 13.4422, -64.7014



8.3514, 1.2373, -13.1094

Previews

White Background



This preview shows how the HunterLab color 56.7172, 18.7680, 34.0623 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 56.7172, 18.7680, 34.0623 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 56.7172, 18.7680, 34.0623 Background



This preview shows how black text looks on a background with the HunterLab color 56.7172, 18.7680, 34.0623.



This preview shows how white text looks on a background with the HunterLab color 56.7172, 18.7680,

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

56.7172, 18.7680, 34.0623

Protanopia

56.9582, -8.0310, 33.3815

Deuteranopia

56.7574, 4.2066, 34.3062



Tritanopia

56.7455, 32.6800, 11.5890

Trichromacy



Original Color

56.7172, 18.7680, 34.0623

Protanomaly

56.6594, 1.1450, 33.5034

Deuteranomaly

56.6643, 9.4113, 34.1769

Tritanomaly

56.3566, 26.4119, 23.5467

Monochromacy



Original Color

56.7172, 18.7680, 34.0623

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

54.2356, 1.6328, 19.1311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.7172, 18.7680, 34.0623 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(217, 135, 29)` looks like.

```
.text, #text, p{  
    color:rgb(217, 135, 29)  
}
```

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(217, 135, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 135, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 56.7172, 18.7680, 34.0623 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(217, 135, 29) }
```


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

```
.border{ border-color:rgb(217, 135, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 135, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 135, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 135, 29);  
box-shadow:4px 4px 4px 4px rgb(217, 135,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.7172, 18.7680, 34.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 135, 29) }
```

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

```
.background{ background-color: rgb(217,  
135, 29) }
```

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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