

Converting Colors

HunterLab(56.7706, 2.7963,
34.7001)

Have a look what the booklet for
HunterLab(56.7706, 2.7963,
34.7001) contains.

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Color

**HunterLab(56.7706, 2.7963,
34.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	C1930B
RGB	193, 147, 11
RGB Percent	76%, 58%, 4%
CMY	0.2431, 0.4235, 0.9568
CMYK	0.00, 0.24, 0.94, 0.24
HSL	45°, 89%, 40%
HSV	45°, 94%, 76%
XYZ	32.4864, 32.2290, 4.8252
YIQ	145.2500, 71.0720, -32.5440

Conversions

Conversions Part 2

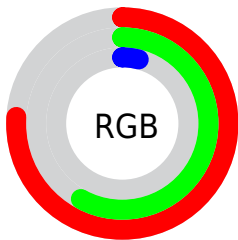
Format	Color
RYB	73, 193, 11
Decimal	12686091
CIELab	63.53, 6.78, 66.35
CIELCh	64, 66.693, 84.168
Yxy	32.2306, 0.4671, 0.4635
Android (android.graphics.Color)	4290876171 (0xFFC1930B)
YUV	145.2500, -66.1852, 41.8768
Hunter-Lab	56.7706, 2.7963, 34.7001

Details

The HunterLab color **56.7706, 2.7963, 34.7001** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **26.1690, 30.7847, -97.6421**, and the grayscale version is **53.5508, -2.8573, 2.9095**.

A 20% lighter version of the original color is **79.6115, 2.1571, 43.8650**, and **36.9022, 3.6545, 22.8029** is the 20% darker color. If you saturate the color by 10%, you get **55.9923, 4.0248, 34.5726**, and if you desaturate by 10%, it is **58.1818, 0.7740, 34.5919**.

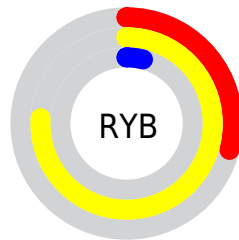
Distribution



Red (76%)

Green (58%)

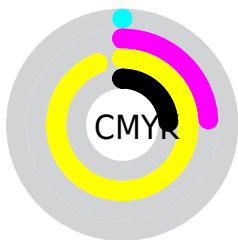
Blue (4%)



Red (29%)

Yellow (76%)

Blue (4%)

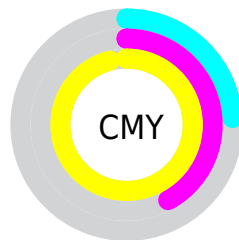


Cyan (0%)

Magenta (24%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7706, 2.7963, 34.7001 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 56.7706, 2.7963, 34.7001 by changing the saturation by 10% instead.

■ 56.7706, 2.7963,
34.7001

■ 56.7706, 2.7963,
34.7001

176.6829, -1.0195,
70.9917

■ 46.4087, 2.9839,
29.8180

■ 79.4811, 2.2464,
43.7957

■ 36.7663, 3.1100,
24.7545

■ 91.7552, 1.8994,
48.0607

■ 27.9033, 3.1621,
19.5323

■ 104.6032, 1.5083,
52.1697

■ 19.8954, 3.1269,
13.9268

■ 118.0005, 1.0761,
56.1432

■ 12.8462, 2.9833,
8.9923

■ 131.9254, 0.6053,
59.9984

■ 6.2540, 4.3877,
4.3778

■ 146.3588, 0.0979,

0.0000, NaN, NaN

63.7502

0.0000, NaN, NaN

161.2831, -0.4443,
67.4111

0.0000, NaN, NaN

56.7706, 2.7963,
34.7001

56.7706, 2.7963,
34.7001

55.9923, 4.0248,
34.5726

58.1818, 0.7740,
34.5919

59.6635, -0.9673,
33.7923

61.2204, -2.4031,
32.2430

62.8537, -3.5178,
29.9163

64.5635, -4.3041,
26.8049

■ 66.3490, -4.7608,
22.9160

■ 68.2089, -4.8912,
18.2670

■ 70.1413, -4.7022,
12.8825

■ 72.1442, -4.2032,
6.7921

Harmonies

Analogous

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



56.7720, 33.7668, 31.5967



56.7706, 2.7963, 34.7001



56.7720, -24.2629, 33.4319

Triad

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



56.7720, 2.7936, 34.7006



56.7720, -45.7553, -23.4523



56.7720, 50.1096, -37.9743

Complementary

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



56.7706, 2.7963, 34.7001



26.1690, 30.7847, -97.6421

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.



56.7720, 21.8647, -70.5495



56.7706, 2.7963, 34.7001



56.7720, -32.3355, -59.6067

Square

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



56.7720, 2.7936, 34.7006



56.7720, -48.8311, 8.2599



56.7720, -8.6322, -80.0001



56.7720, 64.4134, -2.6165

Rectangle

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



56.7706, 2.7963, 34.7001



56.7720, -37.1313, 29.6227



56.7720, -8.6322, -80.0001



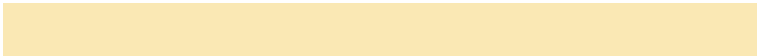
56.7720, 41.6856, -50.2060

Sweetspot

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



56.7720, 2.7936, 34.7006



90.2401, -6.5260, 27.1462



34.4940, 58.2187, 15.0351



41.2981, -2.9761, 13.8010



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



56.7720, 2.7936, 34.7006



74.6573, 5.8819, 46.1064



66.8571, -32.0801, 40.3544



33.6353, -2.1257, 4.7150



45.8099, 3.0232, 28.2808



10.0567, -0.2973, 6.1917

Inverse Universe

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



26.1690, 30.7847, -97.6421



32.3548, 48.3441, -144.8016



22.0446, 52.4239, -121.1909



31.8630, -1.2483, -1.3866



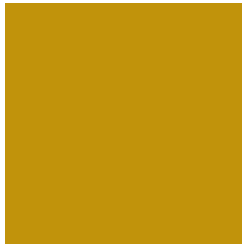
20.2961, 27.6410, -85.0372



5.4085, 2.6658, -12.5148

Previews

White Background



This preview shows how the HunterLab color 56.7706, 2.7963, 34.7001 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 56.7706, 2.7963, 34.7001 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 56.7706, 2.7963, 34.7001 Background



This preview shows how black text looks on a background with the HunterLab color 56.7706, 2.7963, 34.7001.



This preview shows how white text looks on a background with the HunterLab color 56.7706, 2.7963,

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

56.7706, 2.7963, 34.7001

Protanopia

56.9876, -8.0685, 34.5040

Deuteranopia

56.7353, 4.0883, 34.6337



Tritanopia

56.8131, 20.0677, 6.5521

Trichromacy



Original Color

56.7706, 2.7963, 34.7001

Protanomaly

56.8436, -4.1288, 34.5211

Deuteranomaly

56.6159, 3.6832, 34.5867

Tritanomaly

56.3932, 11.3225, 22.7986

Monochromacy



Original Color

56.7706, 2.7963, 34.7001

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.9293, -4.0477, 20.9938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.7706, 2.7963, 34.7001 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(193, 147, 11)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 11)  
}
```

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(193, 147, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 56.7706, 2.7963, 34.7001 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(193, 147, 11) }
```


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

```
.border{ border-color:rgb(193, 147, 11) }
```

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

Here you see how a box with a 4 pixel rgb(193, 147, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 147, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 147, 11);  
box-shadow:4px 4px 4px 4px rgb(193, 147,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.7706, 2.7963, 34.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 11) }
```

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

```
.background{ background-color: rgb(193,  
147, 11) }
```

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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