

Converting Colors

HunterLab(56.7648, 9.4434,
35.1463)

Have a look what the booklet for
HunterLab(56.7648, 9.4434,
35.1463) contains.

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Color

**HunterLab(56.7304, 9.5102,
35.1235)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8E00
RGB	204, 142, 0
RGB Percent	80%, 56%, 0%
CMY	0.2000, 0.4431, 1.0000
CMYK	0.00, 0.30, 1.00, 0.20
HSL	42°, 100%, 40%
HSV	42°, 100%, 80%
XYZ	34.5748, 32.1834, 4.3897
YIQ	144.3500, 82.5340, -31.0180

Conversions

Conversions Part 2

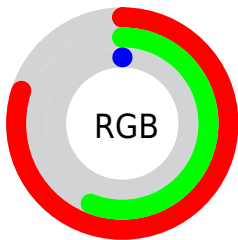
Format	Color
RYB	89, 204, 0
Decimal	13405696
CIELab	63.50, 14.27, 68.48
CIELCh	63, 69.951, 78.225
Yxy	32.1850, 0.4859, 0.4523
Android (android.graphics.Color)	4291595776 (0xFFCC8E00)
YUV	144.3500, -71.1645, 52.3131
Hunter-Lab	56.7304, 9.5102, 35.1235

Details

The HunterLab color **56.7304, 9.5102, 35.1235** 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 **27.9382, 31.7514, -103.4611**, and the grayscale version is **53.2055, -2.8389, 2.8908**.

A 20% lighter version of the original color is **77.9475, 5.3999, 43.4620**, and **36.8559, 9.7421, 22.8810** is the 20% darker color. If you saturate the color by 10%, you get **56.7309, 9.5088, 35.1238**, and if you desaturate by 10%, it is **58.4240, 6.6894, 35.4264**.

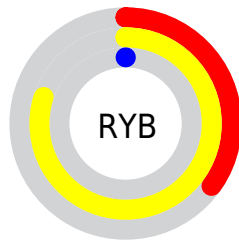
Distribution



Red (80%)

Green (56%)

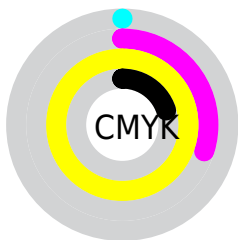
Blue (0%)



Red (35%)

Yellow (80%)

Blue (0%)

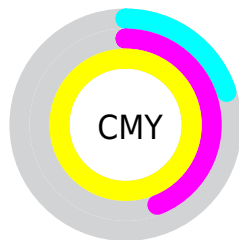


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7304, 9.5102, 35.1235 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 56.7304, 9.5102, 35.1235 by changing the saturation by 10% instead.

56.7304, 9.5102,
35.1235

56.7304, 9.5102,
35.1235

176.6242, 8.4766,
72.4552

46.3712, 9.3149,
30.1049

79.4362, 9.6677,
44.4839

36.7315, 9.0347,
24.9771

91.7080, 9.6507,
48.8740

27.8716, 8.6524,
19.5101

104.5539, 9.5764,
53.1029

19.8671, 8.1486,
13.9070

117.9492, 9.4492,
57.1913

12.8217, 7.4959,
8.9752

131.8722, 9.2726,
61.1567

6.2207, 9.6669,
4.3545

146.3037, 9.0499,

0.0000, NaN, NaN

65.0143

0.0000, NaN, NaN

161.2262, 8.7838,
68.7768

0.0000, NaN, NaN

56.7304, 9.5102,
35.1235

56.7304, 9.5102,
35.1235

56.7309, 9.5088,
35.1238

58.4240, 6.6894,
35.4264

60.2007, 4.1231,
35.1185

62.0712, 1.8770,
34.0352

64.0363, -0.0267,
32.1390

66.0951, -1.5776,
29.4211

■ 68.2456, -2.7735,
25.8917

■ 70.4853, -3.6185,
21.5734

■ 72.8110, -4.1209,
16.4972

■ 75.2195, -4.2922,
10.6992

Harmonies

Analogous

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



56.7318, 41.8242, 31.0097



56.7304, 9.5102, 35.1235



56.7318, -20.3141, 34.7029

Triad

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



56.7318, 9.5072, 35.1240



56.7318, -48.8655, -17.3979



56.7318, 47.9638, -48.4110

Complementary

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



56.7304, 9.5102, 35.1235



27.9382, 31.7514, -103.4611

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.



56.7318, 16.6081, -80.1659



56.7304, 9.5102, 35.1235



56.7318, -37.2024, -56.6676

Square

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



56.7318, 9.5072, 35.1240



56.7318, -49.9728, 13.3807



56.7318, -14.5651, -83.8021



56.7318, 66.9782, -9.5881

Rectangle

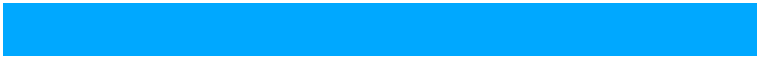
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7304, 9.5102, 35.1235



56.7318, -35.0909, 31.8384



56.7318, -14.5651, -83.8021



56.7318, 38.2452, -60.9862

Sweetspot

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



56.7318, 9.5072, 35.1240



90.5912, -4.6220, 28.0021



36.3519, 63.2894, 15.4481



41.3366, -1.9453, 14.1018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.7318, 9.5072, 35.1240



72.7349, 12.7504, 45.0421



71.6642, -32.1448, 43.5961



35.3536, -2.0135, 4.8457



45.1970, 7.1887, 27.9760



10.8795, 0.5176, 6.7130

Inverse Universe

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



27.9382, 31.7514, -103.4611



35.4929, 42.1860, -135.4306



21.8192, 57.3431, -140.7823



33.7501, -1.5456, -1.3132



22.4882, 24.2774, -80.5162



6.2888, 2.6434, -13.5668

Previews

White Background



This preview shows how the HunterLab color 56.7304, 9.5102, 35.1235 looks on a white background.

Color Contrast Check

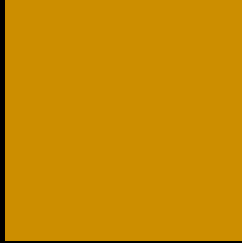
Large Text (above 18pt) WCAG AA × Fail

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 56.7304, 9.5102, 35.1235 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 56.7304, 9.5102, 35.1235 Background



This preview shows how black text looks on a background with the HunterLab color 56.7304, 9.5102, 35.1235.



This preview shows how white text looks on a background with the HunterLab color 56.7304, 9.5102,

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

56.7304, 9.5102, 35.1235

Protanopia

56.9828, -8.0950, 34.5746

Deuteranopia

56.7097, 3.9511, 35.0134



Tritanopia

56.7073, 25.7657, 8.6371

Trichromacy



Original Color

56.7304, 9.5102, 35.1235

Protanomaly

56.6961, -1.7520, 34.6650

Deuteranomaly

56.7949, 5.6258, 35.0952

Tritanomaly

56.3528, 17.5112, 24.8539

Monochromacy



Original Color

56.7304, 9.5102, 35.1235

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.4084, -1.6216, 21.6414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.7304, 9.5102, 35.1235 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(204, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 0)  
}
```

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(204, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.7304, 9.5102, 35.1235 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(204, 142, 0) }
```


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

```
.border{ border-color:rgb(204, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.7304, 9.5102, 35.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 0) }
```

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

```
.background{ background-color: rgb(204,  
142, 0) }
```

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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