

Converting Colors

HunterLab(56.0470, 17.0598,
21.6125)

Have a look what the booklet for
HunterLab(56.0470, 17.0598,
21.6125) contains.

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Color

**HunterLab(56.0402, 16.9296,
21.5287)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CC8866 |
| RGB | 204, 136, 102 |
| RGB Percent | 80%, 53%, 40% |
| CMY | 0.2000, 0.4666, 0.6000 |
| CMYK | 0.00, 0.33, 0.50, 0.20 |
| HSL | 20°, 50%, 60% |
| HSV | 20°, 50%, 80% |
| XYZ | 36.1043, 31.4050, 16.7293 |
| YIQ | 152.4560, 51.4420, 3.8420 |

Conversions

Conversions Part 2

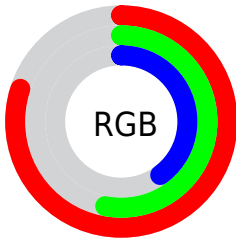
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 204, 153, 102 |
| Decimal | 13404262 |
| CIE _{Lab} | 62.85, 22.25, 28.83 |
| CIE _{LCh} | 63, 36.413, 52.340 |
| Yxy | 31.4066, 0.4286, 0.3728 |
| Android (android.graphics.Color) | 4291594342 (0xFFCC8866) |
| YUV | 152.4560, -24.8748, 45.2041 |
| Hunter-Lab | 56.0402, 16.9296, 21.5287 |

Details

The HunterLab color **56.0402, 16.9296, 21.5287** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **59.9436, -13.3260, -19.8001**, and the grayscale version is **56.3035, -3.0042, 3.0591**.

A 20% lighter version of the original color is **77.7090, 14.2427, 25.1395**, and **36.2284, 15.5629, 16.8846** is the 20% darker color. If you saturate the color by 10%, you get **52.4019, 22.1346, 23.7351**, and if you desaturate by 10%, it is **59.9493, 12.0543, 18.8124**.

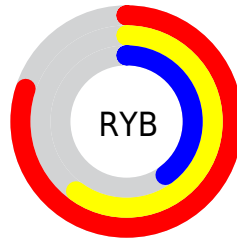
Distribution



Red (80%)

Green (53%)

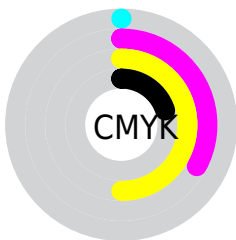
Blue (40%)



Red (80%)

Yellow (60%)

Blue (40%)

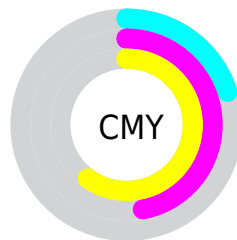


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (47%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.0402, 16.9296, 21.5287 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 56.0402, 16.9296, 21.5287 by changing the saturation by 10% instead.


 56.0402, 16.9296,
21.5287


 56.0402, 16.9296,
21.5287

175.6152, 18.7865,
40.0122


 45.7260, 16.3454,
19.1946


 78.6636, 17.8145,
25.9371


 36.1348, 15.6564,
16.7354


 90.8975, 18.1391,
28.0470

 27.3276, 14.8439,
14.1093


 103.7071, 18.3938,
30.1114

 19.3816, 13.8889,
11.3067

 117.0675, 18.5840,
32.1394

 12.4027, 12.7724,
8.6819

130.9571, 18.7146,
34.1382

 5.6164, 16.9602,
3.9315

145.3562, 18.7896,

0.0000, NaN, NaN

36.1137

0.0000, NaN, NaN

160.2475, 18.8126,
38.0704

0.0000, NaN, NaN

■ 56.0402, 16.9296,
21.5287

■ 56.0402, 16.9296,
21.5287

■ 52.4019, 22.1346,
23.7351

■ 59.9493, 12.0543,
18.8124

■ 49.0639, 27.6386,
25.3473

■ 64.0947, 7.5257,
15.6609

■ 46.0631, 33.3552,
26.2909

■ 68.4510, 3.3309,
12.1424

■ 43.4340, 39.1420,
26.5199

■ 72.9949, -0.5512,
8.3138

■ 41.1981, 44.7548,
26.1695

■ 77.7066, -4.1465,
4.2216

41.1980, 44.7552,
26.1695

82.5691, -7.4823,
-0.0962

87.5677, -10.5855,
-4.6089

92.3255, -15.5163,
-4.1367

95.6960, -20.6485,
-0.0098

Harmonies

Analogous

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



56.0416, 28.1665, 13.0137



56.0402, 16.9296, 21.5287



56.0416, 1.1385, 24.8905

Triad

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



56.0416, 16.9268, 21.5295



56.0416, -30.1783, 6.7886



56.0416, 9.1022, -31.0498

Complementary

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



56.0402, 16.9296, 21.5287



59.9436, -13.3260, -19.8001

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.



56.0416, -7.0087, -34.0857



56.0402, 16.9296, 21.5287



56.0416, -28.5508, -9.1626

Square

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



56.0416, 16.9268, 21.5295



56.0416, -25.1921, 18.0639



56.0416, -20.4689, -25.1882



56.0416, 23.3095, -17.7760

Rectangle

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



56.0402, 16.9296, 21.5287



56.0416, -9.3760, 24.6669



56.0416, -20.4689, -25.1882



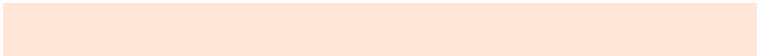
56.0416, 3.6886, -33.4275

Sweetspot

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



56.0416, 16.9268, 21.5295



90.8699, 1.8384, 13.3051



50.2421, 43.2067, -13.1638



41.4656, 1.3488, 6.6380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.0416, 16.9268, 21.5295



67.0851, 29.0267, 30.7360



70.2406, -8.3849, 32.5241



34.3723, -0.3641, 3.7873



32.9195, 34.8523, 20.8950



8.3569, 5.6531, 5.2485

Inverse Universe

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



59.9436, -13.3260, -19.8001



72.9569, -17.2802, -32.2318



45.1425, 11.8499, -47.0059



34.7452, -3.1834, -0.0962



37.4198, -5.9085, -34.0167



9.2645, -2.4895, -6.2058

Previews

White Background



This preview shows how the HunterLab color 56.0402, 16.9296, 21.5287 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 56.0402, 16.9296, 21.5287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

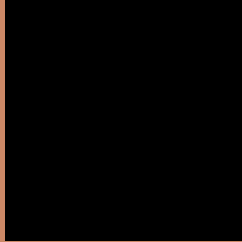
Any Text WCAG AA ✓ Pass

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 56.0402, 16.9296, 21.5287 Background



This preview shows how black text looks on a background with the HunterLab color 56.0402, 16.9296, 21.5287.



This preview shows how white text looks on a background with the HunterLab color 56.0402, 16.9296,

21.5287.

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

56.0402, 16.9296, 21.5287

Protanopia

56.0831, -4.8951, 19.1771

Deuteranopia

56.1651, 3.7532, 21.9470



Tritanopia

56.0545, 25.0012, 8.3244

Trichromacy



Original Color

56.0402, 16.9296, 21.5287

Protanomaly

55.8409, 2.8774, 19.9814

Deuteranomaly

56.0017, 8.7998, 21.6272

Tritanomaly

56.0617, 21.8389, 13.6924

Monochromacy



Original Color

56.0402, 16.9296, 21.5287

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

55.6210, 3.3576, 10.2901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0402, 16.9296, 21.5287 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, 136, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 102)  
}
```

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, 136, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0402, 16.9296, 21.5287 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, 136, 102) }
```


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

```
.border{ border-color:rgb(204, 136, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0402, 16.9296, 21.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 102) }
```

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

```
.background{ background-color: rgb(204,  
136, 102) }
```

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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