

Converting Colors

HunterLab(56.2169, 15.6952,
27.8367)

Have a look what the booklet for
HunterLab(56.2169, 15.6952,
27.8367) contains.

HunterLab(56.2714, 15.5559, 27.9328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(56.2714, 15.5559,
27.9328)**

Conversions

Conversions Part 1

Format	Color
Hex	CF894B
RGB	207, 137, 75
RGB Percent	81%, 54%, 29%
CMY	0.1882, 0.4627, 0.7059
CMYK	0.00, 0.34, 0.64, 0.19
HSL	28°, 58%, 55%
HSV	28°, 64%, 81%
XYZ	35.9478, 31.6647, 10.8739
YIQ	150.8620, 61.6220, -4.4420

Conversions

Conversions Part 2

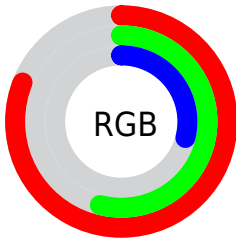
Format	Color
R_{YB}	207, 192, 75
Decimal	13601099
CIE _{Lab}	63.07, 20.79, 43.53
CIE _{LCh}	63, 48.238, 64.471
Yxy	31.6663, 0.4580, 0.4034
Android (android.graphics.Color)	4291791179 (0xFFCF894B)
YUV	150.8620, -37.4000, 49.2330
Hunter-Lab	56.2714, 15.5559, 27.9328

Details

The HunterLab color **56.2714, 15.5559, 27.9328** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **51.2351, -5.0402, -36.8291**, and the grayscale version is **55.7041, -2.9722, 3.0265**.

A 20% lighter version of the original color is **77.4777, 11.0258, 32.8294**, and **36.3137, 14.1521, 21.0285** is the 20% darker color. If you saturate the color by 10%, you get **53.3514, 19.9538, 29.3043**, and if you desaturate by 10%, it is **59.3958, 11.5097, 25.8260**.

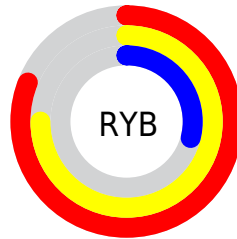
Distribution



Red (81%)

Green (54%)

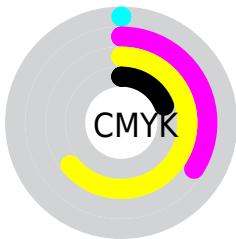
Blue (29%)



Red (81%)

Yellow (75%)

Blue (29%)

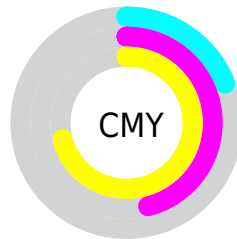


Cyan (0%)

Magenta (34%)

Yellow (64%)

Black (19%)



Cyan (19%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2714, 15.5559, 27.9328 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 56.2714, 15.5559, 27.9328 by changing the saturation by 10% instead.

■ 56.2714, 15.5559,
27.9328

■ 56.2714, 15.5559,
27.9328

■ 175.9535, 16.8856,
53.2438

■ 45.9421, 15.0419,
24.5848

■ 78.9225, 16.3085,
34.1652

■ 36.3346, 14.4265,
21.0312

■ 91.1691, 16.5710,
37.1033

■ 27.5097, 13.6909,
17.2253

■ 103.9909, 16.7656,
39.9498

■ 19.5440, 12.8154,
13.6808

■ 117.3631, 16.8979,
42.7198

■ 12.5428, 11.7780,
8.7799

■ 131.2638, 16.9724,
45.4252

■ 5.8261, 15.2371,
4.0783

145.6738, 16.9931,

0.0000, NaN, NaN

48.0759

0.0000, NaN, NaN

160.5756, 16.9631,
50.6799

0.0000, NaN, NaN

■ 56.2714, 15.5559,
27.9328

■ 56.2714, 15.5559,
27.9328

■ 53.3514, 19.9538,
29.3043

■ 59.3958, 11.5097,
25.8260

■ 50.6479, 24.6798,
29.9045

■ 62.7038, 7.8343,
23.0354

■ 48.1769, 29.6665,
29.7412

■ 66.1812, 4.5217,
19.6229

■ 46.7527, 32.8299,
29.3836

■ 69.8133, 1.5574,
15.6500

■ 73.5867, -1.0790,
11.1754

■ 77.4894, -3.4106,
6.2525

■ 81.5108, -5.4612,
0.9291

■ 85.6412, -7.2543,
-4.7526

■ 89.6424, -10.0833,
-7.5135

Harmonies

Analogous

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



56.2728, 34.4674, 20.8107



56.2714, 15.5559, 27.9328



56.2728, -6.1314, 29.5418

Triad

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



56.2728, 15.5529, 27.9335



56.2728, -37.9871, -0.0272



56.2728, 21.8271, -38.9063

Complementary

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



56.2714, 15.5559, 27.9328



51.2351, -5.0402, -36.8291

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.



56.2728, 0.1900, -50.5423



56.2714, 15.5559, 27.9328



56.2728, -32.6788, -23.4277

Square

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



56.2728, 15.5529, 27.9335



56.2728, -35.1141, 17.2772



56.2728, -19.4326, -44.0308



56.2728, 38.4477, -16.2200

Rectangle

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



56.2714, 15.5559, 27.9328



56.2728, -18.8334, 28.0722



56.2728, -19.4326, -44.0308



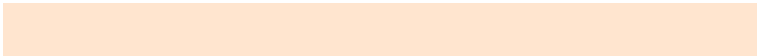
56.2728, 14.7915, -44.5553

Sweetspot

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



56.2728, 15.5529, 27.9335



90.5277, 0.4074, 17.3166



45.1159, 53.1538, -6.6865



41.2468, 0.6457, 8.7550

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.2728, 15.5529, 27.9335



66.0814, 27.7056, 37.5342



75.0308, -16.4841, 40.6847



35.6522, -1.0088, 4.3031



37.3603, 25.4572, 23.4669



9.6885, 4.0884, 6.0416

Inverse Universe

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



51.2351, -5.0402, -36.8291



58.5244, -2.1062, -59.8198



34.1336, 29.1109, -80.9944



35.2713, -2.6392, -0.5744



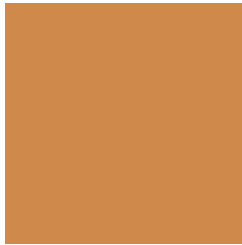
31.6602, 4.8565, -50.0563



8.4774, -0.5861, -9.3308

Previews

White Background



This preview shows how the HunterLab color 56.2714, 15.5559, 27.9328 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 56.2714, 15.5559, 27.9328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

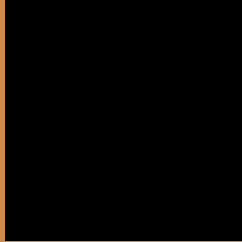
Any Text WCAG AA ✓ Pass

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 56.2714, 15.5559, 27.9328 Background



This preview shows how black text looks on a background with the HunterLab color 56.2714, 15.5559, 27.9328.



This preview shows how white text looks on a background with the HunterLab color 56.2714, 15.5559, 27.9328.

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

56.2714, 15.5559, 27.9328

Protanopia

56.3885, -6.2419, 26.6571

Deuteranopia

56.4426, 3.9050, 28.2267



Tritanopia

56.2834, 26.7978, 9.4198

Trichromacy



Original Color

56.2714, 15.5559, 27.9328

Protanomaly

56.1113, 1.4948, 26.9856

Deuteranomaly

56.4580, 8.1360, 28.1281

Tritanomaly

56.3362, 22.1886, 17.7132

Monochromacy



Original Color

56.2714, 15.5559, 27.9328

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.3586, 1.9468, 14.0761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2714, 15.5559, 27.9328 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(207, 137, 75)` looks like.

```
.text, #text, p{  
    color:rgb(207, 137, 75)  
}
```

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(207, 137, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 137, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2714, 15.5559, 27.9328 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(207, 137, 75) }
```


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

```
.border{ border-color:rgb(207, 137, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 137, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 137, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 137, 75);  
box-shadow:4px 4px 4px 4px rgb(207, 137,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2714, 15.5559, 27.9328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 137, 75) }
```

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

```
.background{ background-color: rgb(207,  
137, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor