

Converting Colors

HunterLab(56.6029, -16.2980,
17.1955)

Have a look what the booklet for
HunterLab(56.6029, -16.2980,
17.1955) contains.

HunterLab(56.6295, -16.4742, 17.3072)	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(56.6295,
-16.4742, 17.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	89A174
RGB	137, 161, 116
RGB Percent	54%, 63%, 45%
CMY	0.4627, 0.3686, 0.5451
CMYK	0.15, 0.00, 0.28, 0.37
HSL	92°, 19%, 54%
HSV	92°, 28%, 63%
XYZ	26.2137, 32.0690, 21.3313
YIQ	148.6940, 0.1410, -19.0830

Conversions

Conversions Part 2

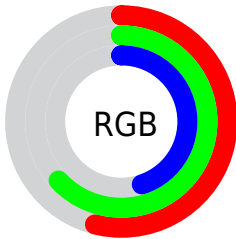
Format	Color
RYB	116, 161, 140
Decimal	9019764
CIELab	63.40, -16.78, 20.74
CIELCh	63, 26.678, 128.977
Yxy	32.0704, 0.3293, 0.4028
Android (android.graphics.Color)	4287209844 (0xFF89A174)
YUV	148.6940, -16.1181, -10.2556
Hunter-Lab	56.6295, -16.4742, 17.3072

Details

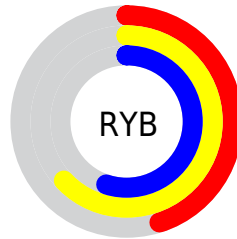
The HunterLab color $56.6295, -16.4742, 17.3072$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45.4316, 12.8058, -15.7868$, and the grayscale version is $54.7623, -2.9220, 2.9753$.

A 20% lighter version of the original color is $79.3821, -19.4956, 20.9043$, and $36.4979, -13.4017, 13.6289$ is the 20% darker color. If you saturate the color by 10%, you get $55.7050, -20.5618, 21.1594$, and if you desaturate by 10%, it is $57.6481, -12.0237, 12.8229$.

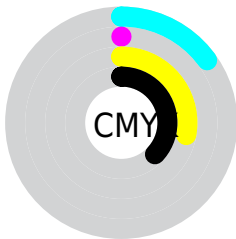
Distribution



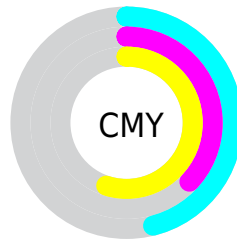
- Red (54%)
- Green (63%)
- Blue (45%)



- Red (45%)
- Yellow (63%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (46%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6295, -16.4742, 17.3072 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 56.6295, -16.4742, 17.3072 by changing the saturation by 10% instead.

■ 56.6295, -16.4742,
17.3072

■ 56.6295, -16.4742,
17.3072

176.4766,
-29.5975, 32.1926

■ 46.2766, -14.9569,
15.5159

■ 79.3230, -19.4380,
20.7493

■ 36.6441, -13.3972,
13.6520

■ 91.5894, -20.8973,
22.4228

■ 27.7918, -11.7763,
11.6864

■ 104.4300,
-22.3492, 24.0757

■ 19.7959, -10.0614,
9.5723

117.8202,
-23.7971, 25.7137

■ 12.7602, -8.1928,
8.1635

131.7383,
-25.2438, 27.3412

■ 6.1361, -10.7381,
4.2953

146.1650,

0.0000, NaN, NaN

-26.6917, 28.9618

0.0000, NaN, NaN

161.0830,
-28.1425, 30.5781

0.0000, NaN, NaN

■ 56.6295, -16.4742,
17.3072

■ 56.6295, -16.4742,
17.3072

■ 55.7050, -20.5618,
21.1594

■ 57.6481, -12.0237,
12.8229

■ 54.8713, -24.2639,
24.3679

■ 58.7561, -7.2280,
7.7224

■ 54.1292, -27.5682,
26.9336

■ 59.9532, -2.1126,
2.0306

■ 53.4773, -30.4671,
28.8693

■ 61.2374, 3.2971,
-4.2236

■ 52.9134, -32.9602,
30.2024

■ 62.6062, 8.9752,
-11.0083

■ 52.4338, -35.0570,
30.9787

■ 64.0573, 14.8960,
-18.2895

■ 52.0301, -36.7960,
31.3086

■ 65.5876, 21.0348,
-26.0323

■ 51.9538, -37.1254,
31.3638

■ 67.1943, 27.3681,
-34.2022

■ 68.5935, 32.4853,
-38.9401

Harmonies

Analogous

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



56.6307, -6.4881, 20.3908



56.6295, -16.4742, 17.3072



56.6307, -22.5080, 10.2264

Triad

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



56.6307, -16.4755, 17.3078



56.6307, -10.8615, -20.7167



56.6307, 20.9203, 6.3172

Complementary

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



56.6295, -16.4742, 17.3072



45.4316, 12.8058, -15.7868

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.



56.6307, 19.5104, -5.1333



56.6295, -16.4742, 17.3072



56.6307, 0.5240, -22.3528

Square

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



56.6307, -16.4755, 17.3078



56.6307, -19.4540, -12.0764



56.6307, 11.8120, -16.1769



56.6307, 15.5214, 14.9458

Rectangle

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



56.6295, -16.4742, 17.3072



56.6307, -23.7836, 3.4628



56.6307, 11.8120, -16.1769



56.6307, 21.2357, 2.6997

Sweetspot

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



56.6307, -16.4755, 17.3078



78.5978, -9.8047, 10.4781



52.5313, 0.5958, 13.7306



36.7052, -5.0350, 5.3878



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



56.6307, -16.4755, 17.3078



74.9422, -25.7605, 26.7034



55.2271, -21.6992, 15.4166



28.3715, -3.8161, 4.0827



46.4548, -33.0713, 28.0463



6.9391, -3.9596, 4.2065

Inverse Universe

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



45.4316, 12.8058, -15.7868



56.5761, 22.4550, -28.0281



47.5282, 19.1527, -11.5826



26.5277, 0.9761, -1.3002



19.1179, 43.4895, -70.9751



3.2345, 6.8742, -8.2589

Previews

White Background



This preview shows how the HunterLab color 56.6295, -16.4742, 17.3072 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 56.6295, -16.4742, 17.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

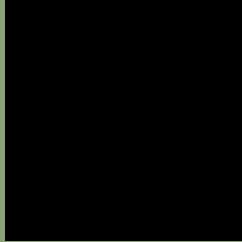
Any Text WCAG AA ✓ Pass

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 56.6295, -16.4742, 17.3072 Background



This preview shows how black text looks on a background with the HunterLab color 56.6295, -16.4742, 17.3072.



This preview shows how white text looks on a background with the HunterLab color 56.6295,

-16.4742, 17.3072.

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

56.6295, -16.4742, 17.3072

Protanopia

56.4312, -5.0443, 18.5785

Deuteranopia

56.3765, 3.7806, 16.4504



Tritanopia

56.4986, -3.4354, -3.6114

Trichromacy



Original Color

56.6295, -16.4742, 17.3072

Protanomaly

56.4262, -9.5516, 18.1867

Deuteranomaly

56.2645, -3.8964, 16.5406

Tritanomaly

56.5711, -8.8909, 5.3396

Monochromacy



Original Color

56.6295, -16.4742, 17.3072

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

55.3248, -7.8225, 8.5908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6295, -16.4742, 17.3072 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(137, 161, 116)` looks like.

```
.text, #text, p{  
    color:rgb(137, 161, 116)  
}
```

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(137, 161, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 161, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6295, -16.4742, 17.3072 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(137, 161, 116) }
```


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

```
.border{ border-color:rgb(137, 161, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 161, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 161, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 161, 116);  
box-shadow:4px 4px 4px 4px rgb(137, 161,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6295, -16.4742, 17.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 161, 116) }
```

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

```
.background{ background-color: rgb(137,  
161, 116) }
```

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