

Converting Colors

HunterLab(56.5371, 64.0213,
-17.1871)

Have a look what the booklet for
HunterLab(56.5371, 64.0213,
-17.1871) contains.

HunterLab(56.5669, 63.9910, -16.9043)	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(56.5669, 63.9910,
-16.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	F562C1
RGB	245, 98, 193
RGB Percent	96%, 38%, 76%
CMY	0.0392, 0.6157, 0.2431
CMYK	0.00, 0.60, 0.21, 0.04
HSL	321°, 88%, 67%
HSV	321°, 60%, 96%
XYZ	51.6496, 31.9981, 53.9061
YIQ	152.7830, 57.1170, 60.7090

Conversions

Conversions Part 2

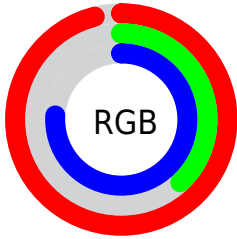
Format	Color
R _Y B	245, 98, 193
Decimal	16081601
CIE Lab	63.34, 66.03, -21.42
CIE LCh	63, 69.414, 342.025
Yxy	31.9997, 0.3755, 0.2326
Android (android.graphics.Color)	4294271681 (0xFFFF562C1)
YUV	152.7830, 19.8270, 80.8743
Hunter-Lab	56.5669, 63.9910, -16.9043

Details

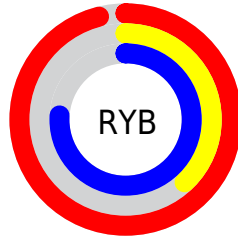
The HunterLab color $56.5669, 63.9910, -16.9043$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $83.7285, -54.4354, 30.2055$, and the grayscale version is $56.2595, -3.0019, 3.0567$.

A 20% lighter version of the original color is $71.8365, 48.7612, -29.5274$, and $36.4999, 59.5586, -16.1437$ is the 20% darker color. If you saturate the color by 10%, you get $52.6492, 73.1754, -17.5506$, and if you desaturate by 10%, it is $61.4046, 53.2956, -14.9836$.

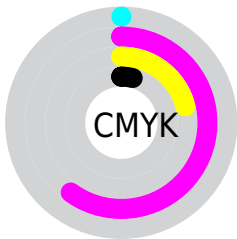
Distribution



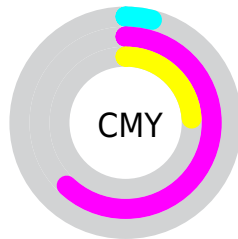
- Red (96%)
- Green (38%)
- Blue (76%)



- Red (96%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.5669, 63.9910, -16.9043 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 56.5669, 63.9910, -16.9043 by changing the saturation by 10% instead.

56.5669, 63.9910,
-16.9043

56.5669, 63.9910,
-16.9043

176.3854, 79.3546,
-17.3451

46.2183, 61.8220,
-16.5670

79.2532, 68.0500,
-17.3828

36.5901, 59.5954,
-16.1675

91.5161, 69.9354,
-17.5325

27.7426, 57.3708,
-15.7108

104.3534, 71.7245,
-17.6258

19.7519, 55.3057,
-15.2215

117.7405, 73.4206,
-17.6659

12.7222, 53.8423,
-14.7809

131.6556, 75.0276,
-17.6554

6.0832, 63.7567,
-17.5367

146.0794, 76.5496,

0.0000, INF, -NF

-17.5969

0.0000, NaN, NaN

160.9945, 77.9906,
-17.4928

0.0000, NaN, NaN

■ 56.5669, 63.9910,
-16.9043

■ 56.5669, 63.9910,
-16.9043

■ 52.6492, 73.1754,
-17.5506

■ 61.4046, 53.2956,
-14.9836

■ 49.7306, 80.0862,
-16.7179

■ 67.0466, 41.7854,
-12.0672

■ 47.8299, 84.1194,
-14.3732

■ 73.3794, 29.9507,
-8.4107

■ 46.7898, 85.4283,
-10.8526

■ 80.2990, 18.0969,
-4.2208

■ 46.7895, 85.4286,
-10.8515

■ 87.7165, 6.3882,
0.3496

■ 95.5590, -5.1022,
5.1933

■ 99.0289, -8.8166,
4.8933

■ 99.0720, -8.5791,
4.2792

Harmonies

Analogous

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



56.5683, 41.6578, -55.7385



56.5669, 63.9910, -16.9043



56.5683, 66.2323, 13.4800

Triad

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



56.5683, 63.9876, -16.9025



56.5683, -14.6892, 34.9306



56.5683, -40.2162, -48.2108

Complementary

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



56.5669, 63.9910, -16.9043



83.7285, -54.4354, 30.2055

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.



56.5683, -49.5822, -9.7706



56.5669, 63.9910, -16.9043



56.5683, -37.0687, 30.7648

Square

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



56.5683, 63.9876, -16.9025



56.5683, 16.1657, 34.5413



56.5683, -48.5669, 17.6883



56.5683, -19.9493, -79.4270

Rectangle

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



56.5669, 63.9910, -16.9043



56.5683, 55.5386, 25.3379



56.5683, -48.5669, 17.6883



56.5683, -44.5299, -35.0447

Sweetspot

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



56.5683, 63.9876, -16.9025



85.5149, 16.5231, -3.5076



46.6497, 45.8876, -80.2456



38.5457, 9.3091, -2.2468

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.5683, 63.9876, -16.9025



54.3483, 78.3658, -18.3147



54.3203, 54.1877, 15.0058



40.8202, 2.6848, 0.2740



34.3820, 62.8453, -8.5196



10.2881, 18.9728, -3.8483

Inverse Universe

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



56.5683, 63.9876, -16.9025



54.3483, 78.3658, -18.3147



85.5730, -43.3632, 3.6243



40.8202, 2.6848, 0.2740



34.3820, 62.8453, -8.5196



10.2881, 18.9728, -3.8483

Previews

White Background



This preview shows how the HunterLab color 56.5669, 63.9910, -16.9043 looks on a white background.

Color Contrast Check

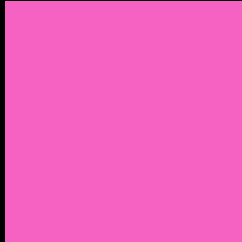
Large Text (above 18pt) WCAG AA × Fail

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 56.5669, 63.9910, -16.9043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

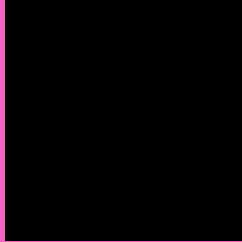
Any Text WCAG AA ✓ Pass

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 56.5669, 63.9910, -16.9043 Background



This preview shows how black text looks on a background with the HunterLab color 56.5669, 63.9910, -16.9043.



This preview shows how white text looks on a background with the HunterLab color 56.5669, 63.9910, -16.9043.

-16.9043.

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

56.5669, 63.9910, -16.9043

Protanopia

56.9002, 7.8128, -45.1301

Deuteranopia

56.6461, 4.2275, -13.0622



Tritanopia

56.4523, 43.3884, 15.8644

Trichromacy



Original Color

56.5669, 63.9910, -16.9043



Protanomaly

54.7718, 25.6060, -37.6029



Deuteranomaly

55.0477, 25.0809, -16.8842



Tritanomaly

56.3704, 50.4637, 6.1505

Monochromacy



Original Color

56.5669, 63.9910, -16.9043



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

54.8100, 20.3637, -5.9437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.5669, 63.9910, -16.9043 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(245, 98, 193)` looks like.

```
.text, #text, p{  
    color:rgb(245, 98, 193)  
}
```

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(245, 98, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 98, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 56.5669, 63.9910, -16.9043 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(245, 98, 193) }
```


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

```
.border{ border-color:rgb(245, 98, 193) }
```

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

Here you see how a box with a 4 pixel rgb(245, 98, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 98, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 98, 193);  
box-shadow:4px 4px 4px 4px rgb(245, 98,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.5669, 63.9910, -16.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 98, 193) }
```

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

```
.background{ background-color: rgb(245, 98,  
193) }
```

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