

Converting Colors

HunterLab(16.7857, 6.3256,
-4.7996)

Have a look what the booklet for
HunterLab(16.7857, 6.3256, -4.7996)
contains.

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Color

**HunterLab(16.7680, 6.3546,
-4.6722)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-------------------------|
| Hex | 3A293C |
| RGB | 58, 41, 60 |
| RGB Percent | 23%, 16%, 24% |
| CMY | 0.7725, 0.8392, 0.7647 |
| CMYK | 0.03, 0.32, 0.00, 0.76 |
| HSL | 294°, 19%, 20% |
| HSV | 294°, 32%, 24% |
| XYZ | 3.3535, 2.8117, 4.6409 |
| YIQ | 48.2490, 4.0330, 9.5130 |

Conversions

Conversions Part 2

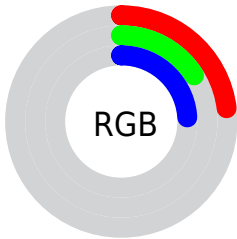
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 58, 41, 60 |
| Decimal | 3811644 |
| CIE _{Lab} | 19.27, 11.95, -9.05 |
| CIE _{LCh} | 19, 14.989, 322.877 |
| Yxy | 2.8118, 0.3103, 0.2602 |
| Android (android.graphics.Color) | 4282001724 (0xFF3A293C) |
| YUV | 48.2490, 5.7932, 8.5516 |
| Hunter-Lab | 16.7680, 6.3546, -4.6722 |




Details

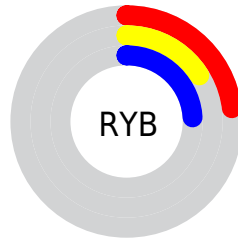
The HunterLab color **16.7680, 6.3546, -4.6722** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.7622, -7.3744, 5.7541**, and the grayscale version is **17.2557, -0.9207, 0.9375**.




A 20% lighter version of the original color is **32.7420, 7.0718, -4.8892**, and **3.7018, 7.5192, -6.7530** is the 20% darker color. If you saturate the color by 10%, you get **15.5214, 8.7776, -6.6121**, and if you desaturate by 10%, it is **18.1052, 3.9472, -2.7740**.

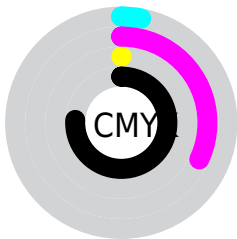
Distribution







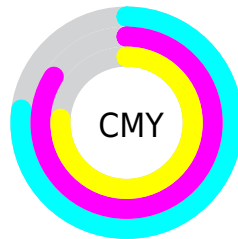
-  Red (23%)
-  Green (16%)
-  Blue (24%)






-  Red (23%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (3%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (77%)
-  Magenta (84%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7680, 6.3546, -4.6722 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 16.7680, 6.3546, -4.6722 by changing the saturation by 10% instead.

■ 16.7680, 6.3546,
-4.6722

■ 16.7680, 6.3546,
-4.6722

■ 112.2285, 6.9302,
-3.3808

■ 10.1699, 5.7812,
-4.4428

■ 32.8921, 7.0693,
-4.8484

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.2105, 7.2645,
-4.8157

0.0000, NaN, NaN

■ 52.2731, 7.3735,
-4.7143

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.0284, 7.4071,
-4.5513

0.0000, NaN, NaN

■ 74.4343, 7.3737,
-4.3322

0.0000, NaN, NaN

■ 86.4556, 7.2798,

0.0000, NaN, NaN

-4.0617

99.0624, 7.1305,
-3.7435

16.7680, 6.3546,
-4.6722

16.7680, 6.3546,
-4.6722

15.5214, 8.7776,
-6.6121

18.1052, 3.9472,
-2.7740

14.3778, 11.1829,
-8.5736

19.5204, 1.5758,
-0.9286

13.3525, 13.5141,
-10.5181

21.0041, -0.7514,
0.8621

12.4614, 15.6896,
-12.3866

22.5481, -3.0321,
2.5999

11.7193, 17.6039,
-14.0984

24.1455, -5.2677,
4.2887

■ 11.0677, 19.3804,
-15.7420

■ 25.7906, -7.4617,
5.9337

■ 10.4968, 21.0840,
-17.3097

■ 27.4787, -9.6181,
7.5399

■ 29.2058, -11.7415,
9.1123

■ 30.9684, -13.8363,
10.6557

Harmonies

Analogous

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



16.7684, 2.5022, -8.2626



16.7680, 6.3546, -4.6722



16.7684, 8.2965, -0.1103

Triad

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



16.7684, 6.3541, -4.6718



16.7684, 0.1604, 7.0708



16.7684, -7.9647, -2.5064

Complementary

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



16.7680, 6.3546, -4.6722



19.7622, -7.3744, 5.7541

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.



16.7684, -8.4543, 1.8752



16.7680, 6.3546, -4.6722



16.7684, -4.0428, 6.7392

Square

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



16.7684, 6.3541, -4.6718



16.7684, 4.4904, 6.1225



16.7684, -7.0907, 5.0603



16.7684, -5.6774, -6.8052

Rectangle

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



16.7680, 6.3546, -4.6722



16.7684, 8.1200, 2.6003



16.7684, -7.0907, 5.0603



16.7684, -8.3347, -0.9708

Sweetspot

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



16.7684, 6.3541, -4.6718



26.1230, 1.3846, -0.6895



15.9416, 1.2366, -6.0548



13.7736, 0.8429, -0.4497



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.7684, 6.3541, -4.6718



20.7237, 10.9647, -8.2285



16.7365, 5.8279, -1.3966



10.8899, 0.4495, -0.1900



16.4884, 33.1763, -27.6349



41.6408, 83.9568, -71.1191

Inverse Universe

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



16.4957, 4.5971, 2.0299



20.2767, 8.1014, 3.0768



19.7963, -6.9640, 3.6091



10.8498, 0.1874, 0.7325



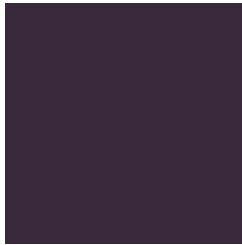
15.5563, 26.7806, 8.9677



39.4578, 67.7331, 24.2536

Previews

White Background



This preview shows how the HunterLab color 16.7680, 6.3546, -4.6722 looks on a white 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

Black Background



This preview shows how the HunterLab color 16.7680, 6.3546, -4.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

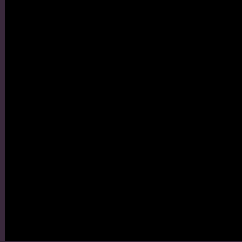
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.7680, 6.3546, -4.6722 Background



This preview shows how black text looks on a background with the HunterLab color 16.7680, 6.3546, -4.6722.



This preview shows how white text looks on a background with the HunterLab color 16.7680, 6.3546, -4.6722.

-4.6722.

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

16.7680, 6.3546, -4.6722

Protanopia

16.7821, 1.0219, -6.7775

Deuteranopia

16.8156, 0.8110, -4.2131



Tritanopia

16.8741, 2.6778, 0.9952

Trichromacy



Original Color

16.7680, 6.3546, -4.6722

Protanomaly

16.6992, 3.0236, -6.3537

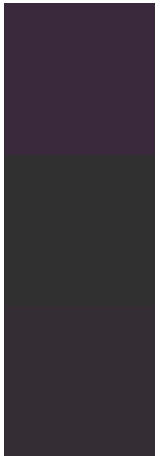
Deuteranomaly

16.7190, 2.8299, -4.3216

Tritanomaly

16.8687, 4.0348, -0.9538

Monochromacy



Original Color

16.7680, 6.3546, -4.6722

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8961, 1.8551, -0.9567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7680, 6.3546, -4.6722 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(58, 41, 60)` looks like.

```
.text, #text, p{  
    color:rgb(58, 41, 60)  
}
```

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(58, 41, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 41, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7680, 6.3546, -4.6722 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(58, 41, 60) }
```


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

```
.border{ border-color:rgb(58, 41, 60) }
```

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

Here you see how a box with a 4 pixel rgb(58, 41, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 41, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 41, 60);  
box-shadow:4px 4px 4px 4px rgb(58, 41, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7680, 6.3546, -4.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 41, 60) }
```

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

```
.background{ background-color: rgb(58, 41,  
60) }
```

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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