

Converting Colors

HunterLab(16.4511, -0.2141,
-0.3192)

Have a look what the booklet for
HunterLab(16.4511, -0.2141,
-0.3192) contains.

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Color

**HunterLab(16.3688, -0.0802,
-0.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2D31
RGB	46, 45, 49
RGB Percent	18%, 18%, 19%
CMY	0.8196, 0.8235, 0.8078
CMYK	0.06, 0.08, 0.00, 0.81
HSL	255°, 4%, 18%
HSV	255°, 8%, 19%
XYZ	2.6195, 2.6794, 3.2848
YIQ	45.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

Format	Color
R_{YB}	46, 45, 49
Decimal	3026225
CIE Lab	18.71, 1.41, -2.41
CIE LCh	19, 2.796, 300.330
Yxy	2.6795, 0.3052, 0.3122
Android (android.graphics.Color)	4281216305 (0xFF2E2D31)
YUV	45.7550, 1.5998, 0.2149
Hunter-Lab	16.3688, -0.0802, -0.4400

Details

The HunterLab color **16.3688, -0.0802, -0.4400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.3625, -1.6905, 2.1908**, and the grayscale version is **16.4435, -0.8774, 0.8934**.

A 20% lighter version of the original color is **32.5326, -0.8554, 0.3004**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9843, 0.9948, -2.2469**, and if you desaturate by 10%, it is **17.7889, -1.1252, 1.2569**.

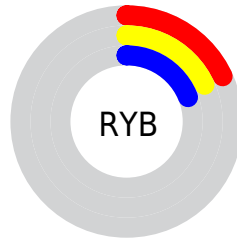
Distribution



Red (18%)

Green (18%)

Blue (19%)



Red (18%)

Yellow (18%)

Blue (19%)

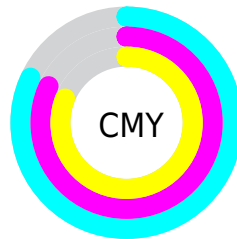


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (81%)



Cyan (82%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3688, -0.0802, -0.4400 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 16.3688, -0.0802, -0.4400 by changing the saturation by 10% instead.

■ 16.3688, -0.0802,
-0.4400

■ 16.3688, -0.0802,
-0.4400

■ 111.4740, -4.4597,
3.6172

■ 9.8325, 0.1471,
-0.6058

■ 32.3916, -0.7370,
0.1167

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.6665, -1.1464,
0.4844

0.0000, NaN, NaN

■ 51.6887, -1.6021,
0.9025

0.0000, NaN, NaN

■ 62.4062, -2.1001,
1.3665

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7765, -2.6372,
1.8727

0.0000, NaN, NaN

■ 85.7641, -3.2108,

0.0000, NaN, NaN

2.4180

98.3387, -3.8189,
3.0002

16.3688, -0.0802,
-0.4400

16.3688, -0.0802,
-0.4400

14.9843, 0.9948,
-2.2469

17.7889, -1.1252,
1.2569

13.6389, 2.1082,
-4.1906

19.2400, -2.1454,
2.8636

12.3389, 3.2682,
-6.3023

20.7195, -3.1462,
4.3971

11.0916, 4.4836,
-8.6197

22.2250, -4.1318,
5.8708

9.9071, 5.7621,
-11.1844

23.7545, -5.1057,
7.2953

■ 8.7986, 7.1054,
-14.0348

■ 25.3063, -6.0706,
8.6794

■ 7.7837, 8.5006,
-17.1889

■ 26.8790, -7.0287,
10.0300

■ 6.8054, 10.1572,
-20.9443

■ 28.4713, -7.9819,
11.3530

■ 5.7119, 12.7839,
-26.4190

■ 30.0821, -8.9317,
12.6530

Harmonies

Analogous

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



16.3691, -0.8653, -0.6604



16.3688, -0.0802, -0.4400



16.3691, 0.5007, 0.1407

Triad

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



16.3691, -0.0806, -0.4397



16.3691, -0.0964, 2.1265



16.3691, -2.4024, 0.8825

Complementary

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



16.3688, -0.0802, -0.4400



17.3625, -1.6905, 2.1908

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.



16.3691, -2.2054, 1.6074



16.3688, -0.0802, -0.4400



16.3691, -0.8832, 2.3041

Square

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



16.3691, -0.0806, -0.4397



16.3691, 0.4915, 1.6215



16.3691, -1.6532, 2.1186



16.3691, -2.1967, 0.1253

Rectangle

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



16.3688, -0.0802, -0.4400



16.3691, 0.6891, 0.6402



16.3691, -1.6532, 2.1186



16.3691, -2.3811, 1.1379

Sweetspot

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



16.3691, -0.0806, -0.4397



22.1685, -0.9216, 0.7709



17.0267, -1.5296, 0.3466



12.1973, -0.5280, 0.4589



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.3691, -0.0806, -0.4397



20.6388, 0.2220, -1.1058



16.5088, 0.3965, -0.2562



9.3399, -0.0377, -0.2649



9.4839, 23.8908, -53.1683



24.0523, 61.9642, -145.4937

Inverse Universe

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



16.5628, 0.5295, 0.2047



20.9634, 1.2366, -0.0146



17.2295, -2.1607, 2.0352



9.4525, 0.3166, 0.1098



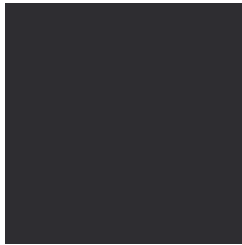
15.9403, 29.8369, -9.3795



41.6455, 77.6345, -22.0441

Previews

White Background



This preview shows how the HunterLab color 16.3688, -0.0802, -0.4400 looks on a white background.

Color Contrast Check

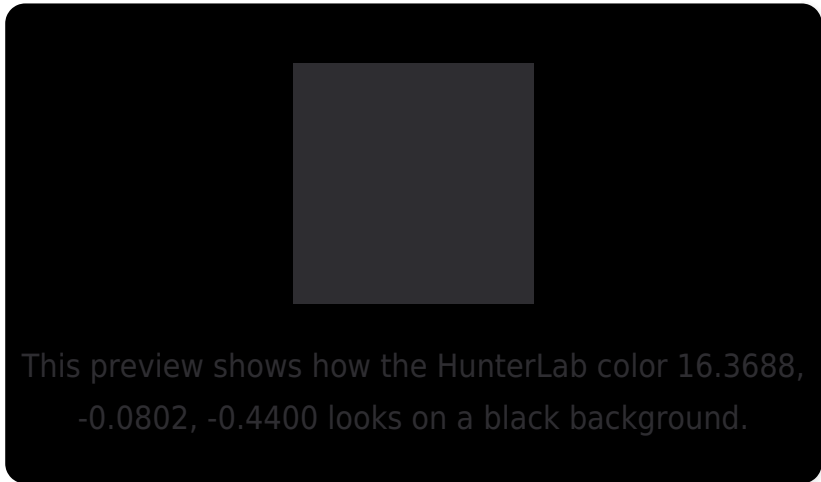
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

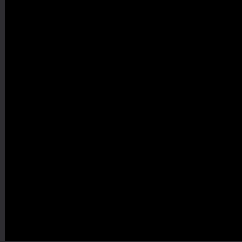
Any Text WCAG AA × Fail

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 16.3688, -0.0802, -0.4400 Background



This preview shows how black text looks on a background with the HunterLab color 16.3688, -0.0802, -0.4400.



This preview shows how white text looks on a background with the HunterLab color 16.3688, -0.0802, -0.4400.

-0.4400.

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

16.3688, -0.0802, -0.4400

Protanopia

16.2985, -0.3217, -0.5329

Deuteranopia

16.2834, 0.8165, -0.5321



Tritanopia

16.3688, -0.0802, -0.4400

Trichromacy



Original Color

16.3688, -0.0802, -0.4400

Protanomaly

16.2985, -0.3217, -0.5329

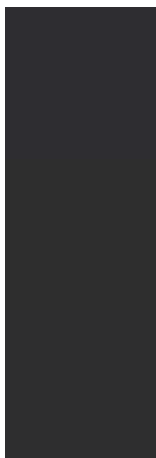
Deuteranomaly

16.2094, 0.5662, -0.6304

Tritanomaly

16.3688, -0.0802, -0.4400

Monochromacy



Original Color

16.3688, -0.0802, -0.4400

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.5532, -0.7499, 0.5542

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3688, -0.0802, -0.4400 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(46, 45, 49)` looks like.

```
.text, #text, p{  
    color:rgb(46, 45, 49)  
}
```

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(46, 45, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 45, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3688, -0.0802, -0.4400 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(46, 45, 49) }
```


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

```
.border{ border-color:rgb(46, 45, 49) }
```

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

Here you see how a box with a 4 pixel rgb(46, 45, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 45, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 45, 49);  
box-shadow:4px 4px 4px 4px rgb(46, 45, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3688, -0.0802, -0.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 45, 49) }
```

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

```
.background{ background-color: rgb(46, 45,  
49) }
```

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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