

Converting Colors

HunterLab(14.9959, 1.7426,
1.6670)

Have a look what the booklet for
HunterLab(14.9959, 1.7426, 1.6670)
contains.

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Color

**HunterLab(15.0016, 1.8085,
1.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	312727
RGB	49, 39, 39
RGB Percent	19%, 15%, 15%
CMY	0.8078, 0.8471, 0.8471
CMYK	0.00, 0.20, 0.20, 0.81
HSL	0°, 11%, 17%
HSV	0°, 20%, 19%
XYZ	2.3583, 2.2505, 2.2295
YIQ	41.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

Format	Color
R_YB	49, 39, 39
Decimal	3221287
CIE _{Lab}	16.75, 4.67, 1.75
CIE _{LCh}	17, 4.985, 20.558
Yxy	2.2506, 0.3449, 0.3291
Android (android.graphics.Color)	4281411367 (0xFF312727)
YUV	41.9900, -1.4741, 6.1478
Hunter-Lab	15.0016, 1.8085, 1.6895

Details

The HunterLab color **15.0016, 1.8085, 1.6895** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8809, -3.2188, 0.1398**, and the grayscale version is **15.2165, -0.8119, 0.8267**.

A 20% lighter version of the original color is **30.6817, 1.5174, 2.7242**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.8526, 3.2272, 2.0826**, and if you desaturate by 10%, it is **16.2113, 0.4388, 1.3180**.

Distribution



Red (19%)

Green (15%)

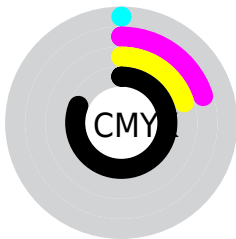
Blue (15%)



Red (19%)

Yellow (15%)

Blue (15%)

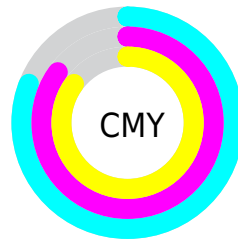


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0016, 1.8085, 1.6895 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 15.0016, 1.8085, 1.6895 by changing the saturation by 10% instead.

■ 15.0016, 1.8085,
1.6895

■ 15.0016, 1.8085,
1.6895

108.8554, -0.8827,
7.6548

■ 8.6450, 1.8911,
1.3100

■ 30.6660, 1.6327,
2.7906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.7871, 1.4305,
3.3925

0.0000, NaN, NaN

■ 49.6673, 1.1666,
4.0274

0.0000, NaN, NaN

■ 60.2521, 0.8480,
4.6940

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.4974, 0.4801,
5.3912


0.0000, NaN, NaN


■ 83.3665, 0.0668,


0.0000, NaN, NaN


6.1177

 95.8281, -0.3884,
6.8725

 15.0016, 1.8085,
1.6895

 15.0016, 1.8085,
1.6895


 13.8526, 3.2272,
2.0826

 16.2113, 0.4388,
1.3180


 12.7725, 4.6937,
2.4962


 17.4728, -0.8821,
0.9661


 11.7729, 6.1971,
2.9280

 18.7802, -2.1586,
0.6325

 10.8669, 7.7145,
3.3712

 20.1283, -3.3955,
0.3151

 10.0691, 9.2052,
3.8132

 21.5127, -4.5975,
0.0119

■ 9.3942, 10.6077,
4.2345

■ 22.9299, -5.7694,
-0.2788

■ 8.7488, 12.0998,
4.6882

■ 24.3768, -6.9155,
-0.5587

■ 8.0815, 13.8357,
5.2220

■ 25.8509, -8.0395,
-0.8292

■ 27.3502, -9.1447,
-1.0916

Harmonies

Analogous

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



15.0019, 1.9525, 0.3897



15.0016, 1.8085, 1.6895



15.0019, 0.9506, 2.6656

Triad

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



15.0019, 1.8080, 1.6897



15.0019, -2.8275, 2.3566



15.0019, -1.2411, -1.9406

Complementary

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



15.0016, 1.8085, 1.6895



16.8809, -3.2188, 0.1398

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.



15.0019, -2.4763, -1.3026



15.0016, 1.8085, 1.6895



15.0019, -3.3697, 1.2313

Square

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



15.0019, 1.8080, 1.6897



15.0019, -1.7365, 3.0254



15.0019, -3.2436, -0.1124



15.0019, 0.1575, -1.7893

Rectangle

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



15.0016, 1.8085, 1.6895



15.0019, 0.1069, 3.0397



15.0019, -3.2436, -0.1124



15.0019, -1.6883, -1.8093

Sweetspot

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



15.0019, 1.8080, 1.6897



21.5197, -0.1366, 1.5084



15.2505, 3.1177, -1.8450



11.8108, -0.0749, 0.8279



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.



15.0019, 1.8080, 1.6897



18.5737, 3.2130, 2.4188



16.1271, -0.1805, 2.8775



9.4105, 0.0892, 0.7096



14.6167, 25.0274, 9.4449



38.3588, 65.6869, 24.7865

Inverse Universe

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



16.8809, -3.2188, 0.1398



21.5526, -4.7728, -0.0440



15.6667, -1.3053, -1.3658



9.8527, -1.0905, 0.3459



28.1250, -14.9085, -2.9707



73.8109, -39.1251, -7.7973

Previews

White Background



This preview shows how the HunterLab color 15.0016, 1.8085, 1.6895 looks on a white background.

Color Contrast Check

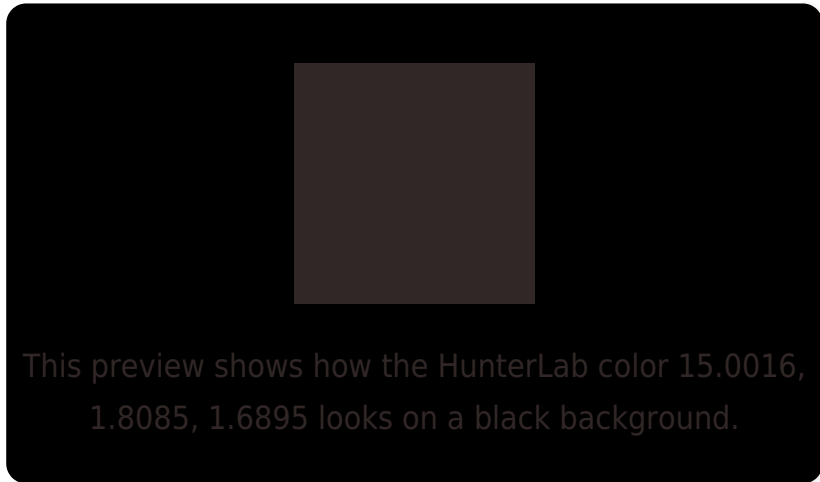
Large Text (above 18pt) WCAG AA ✓ Pass

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

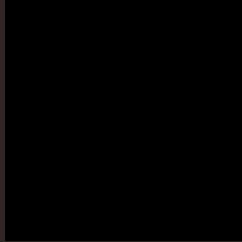
Any Text WCAG AA × Fail

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 15.0016, 1.8085, 1.6895 Background



This preview shows how black text looks on a background with the HunterLab color 15.0016, 1.8085, 1.6895.

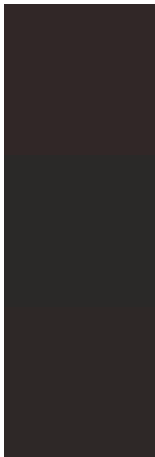


This preview shows how white text looks on a background with the HunterLab color 15.0016, 1.8085,

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

15.0016, 1.8085, 1.6895

Protanopia

14.9376, -0.6785, 1.2245

Deuteranopia

14.9830, 0.6055, 1.6475



Tritanopia

15.0704, 2.1725, 0.7065

Trichromacy



Original Color

15.0016, 1.8085, 1.6895

Protanomaly

14.9287, 0.4664, 1.2344

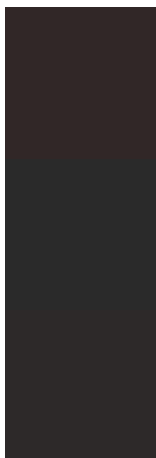
Deuteranomaly

15.0612, 0.8695, 1.7398

Tritanomaly

15.0469, 2.0484, 1.0416

Monochromacy



Original Color

15.0016, 1.8085, 1.6895

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1785, 0.1961, 1.1618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0016, 1.8085, 1.6895 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(49, 39, 39)` looks like.

```
.text, #text, p{  
    color:rgb(49, 39, 39)  
}
```

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(49, 39, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 39, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0016, 1.8085, 1.6895 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(49, 39, 39) }
```


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

```
.border{ border-color:rgb(49, 39, 39) }
```

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

Here you see how a box with a 4 pixel rgb(49, 39, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 39, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 39, 39);  
box-shadow:4px 4px 4px 4px rgb(49, 39, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0016, 1.8085, 1.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 39, 39) }
```

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

```
.background{ background-color: rgb(49, 39,  
39) }
```

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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