

Converting Colors

HunterLab(16.8799, 15.7741,
8.8175)

Have a look what the booklet for
HunterLab(16.8799, 15.7741,
8.8175) contains.

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Color

**HunterLab(16.8834, 15.7768,
8.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	551D11
RGB	85, 29, 17
RGB Percent	33%, 11%, 7%
CMY	0.6667, 0.8863, 0.9333
CMYK	0.00, 0.66, 0.80, 0.67
HSL	11°, 67%, 20%
HSV	11°, 80%, 33%
XYZ	4.2868, 2.8505, 0.8546
YIQ	44.3760, 37.2280, 8.1400

Conversions

Conversions Part 2

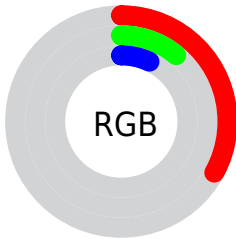
Format	Color
R_{YB}	85, 32, 17
Decimal	5578001
CIE Lab	19.44, 25.24, 21.29
CIE LCh	19, 33.018, 40.141
Yxy	2.8507, 0.5364, 0.3567
Android (android.graphics.Color)	4283768081 (0xFF551D11)
YUV	44.3760, -13.4964, 35.6272
Hunter-Lab	16.8834, 15.7768, 8.8174

Details

The HunterLab color **16.8834, 15.7768, 8.8174** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.5364, -8.9330, -7.3029**, and the grayscale version is **16.0287, -0.8553, 0.8709**.

A 20% lighter version of the original color is **32.9353, 18.1261, 12.9162**, and **6.1421, 10.5543, 3.6923** is the 20% darker color. If you saturate the color by 10%, you get **15.8867, 18.0385, 9.1942**, and if you desaturate by 10%, it is **18.0709, 13.4003, 8.2587**.

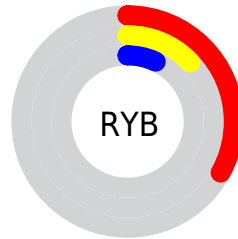
Distribution



Red (33%)

Green (11%)

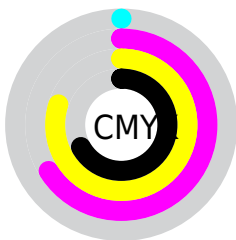
Blue (7%)



Red (33%)

Yellow (13%)

Blue (7%)

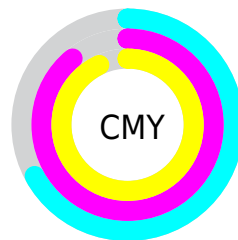


Cyan (0%)

Magenta (66%)

Yellow (80%)

Black (67%)



Cyan (67%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8834, 15.7768, 8.8174 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 16.8834, 15.7768, 8.8174 by changing the saturation by 10% instead.

■ 16.8834, 15.7768,
8.8174

■ 16.8834, 15.7768,
8.8174

■ 112.4460, 21.9794,
25.5144

■ 10.2678, 14.4657,
7.1874

■ 33.0366, 17.9400,
13.1096

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.3676, 18.8134,
15.0501

0.0000, NaN, NaN

■ 52.4418, 19.5691,
16.9046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2079, 20.2206,
18.6969

0.0000, NaN, NaN

■ 74.6240, 20.7789,
20.4437

0.0000, NaN, NaN

■ 86.6550, 21.2534,

0.0000, NaN, NaN

22.1568

■ 99.2710, 21.6514,
23.8448

■ 16.8834, 15.7768,
8.8174

■ 16.8834, 15.7768,
8.8174

■ 15.8867, 18.0385,
9.1942

■ 18.0709, 13.4003,
8.2587

■ 15.0766, 19.9932,
9.6402

■ 19.4286, 11.0092,
7.5462

■ 15.0766, 19.9932,
9.6402

■ 20.9367, 8.6657,
6.7159

■ 22.5759, 6.4064,
5.7980

■ 24.3294, 4.2485,
4.8162

■ 26.1824, 2.1964,
3.7878

■ 28.1227, 0.2466,
2.7254

■ 30.1399, -1.6082,
1.6375

■ 32.2252, -3.3770,
0.5302

Harmonies

Analogous

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



16.8839, 21.5520, 3.7439



16.8834, 15.7768, 8.8174



16.8839, 5.8835, 11.2160

Triad

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



16.8839, 15.7754, 8.8177



16.8839, -15.0622, 5.8875



16.8839, 2.4952, -27.3715

Complementary

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



16.8834, 15.7768, 8.8174



23.5364, -8.9330, -7.3029

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.



16.8839, -6.7603, -25.5811



16.8834, 15.7768, 8.8174



16.8839, -15.5730, -2.4980

Square

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



16.8839, 15.7754, 8.8177



16.8839, -11.2863, 9.7886



16.8839, -12.8854, -14.9034



16.8839, 12.8206, -18.9397

Rectangle

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



16.8834, 15.7768, 8.8174



16.8839, -0.9476, 11.6980



16.8839, -12.8854, -14.9034



16.8839, -0.8560, -28.0229

Sweetspot

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



16.8839, 15.7754, 8.8177



33.0127, 4.1341, 5.5953



16.7991, 25.5521, -11.8588



16.4375, 2.3976, 2.9839



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.8839, 15.7754, 8.8177



19.7831, 25.9837, 12.2677



23.3524, 1.8486, 13.0756



14.7329, 0.0102, 1.3488



18.9593, 26.1983, 12.1413



43.8277, 65.5888, 28.1547

Inverse Universe

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



23.5364, -8.9330, -7.3029



29.3945, -11.3779, -11.6404



15.0673, 4.6524, -24.4525



15.1866, -1.5573, 0.2759



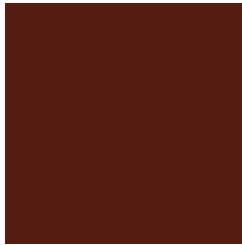
28.4167, -11.0047, -11.7624



66.4817, -24.9226, -29.2957

Previews

White Background



This preview shows how the HunterLab color 16.8834, 15.7768, 8.8174 looks on a white background.

Color Contrast Check

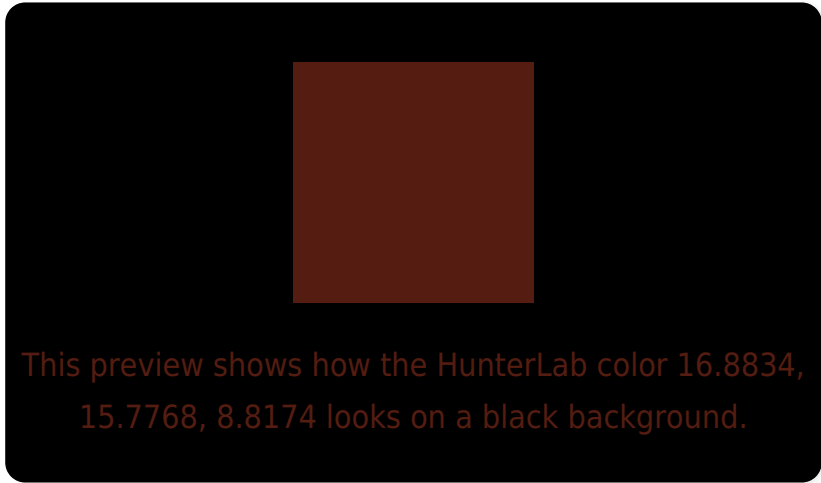
Large Text (above 18pt) WCAG AA ✓ Pass

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

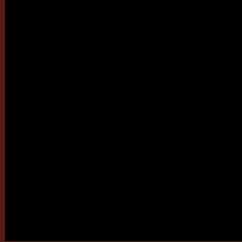
Any Text WCAG AA × Fail

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 16.8834, 15.7768, 8.8174 Background



This preview shows how black text looks on a background with the HunterLab color 16.8834, 15.7768, 8.8174.

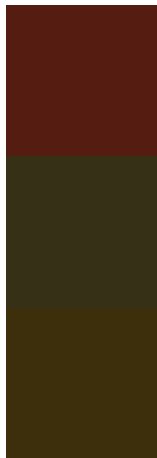


This preview shows how white text looks on a background with the HunterLab color 16.8834, 15.7768,

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

16.8834, 15.7768, 8.8174

Protanopia

17.4322, -2.1993, 8.1215

Deuteranopia

17.2413, 0.5536, 9.4376



Tritanopia

16.8835, 16.7967, 6.6155

Trichromacy



Original Color

16.8834, 15.7768, 8.8174

Protanomaly

16.8234, 3.8138, 8.1008

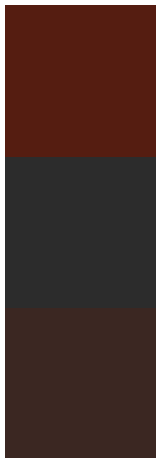
Deuteranomaly

16.8860, 6.0082, 9.0515

Tritanomaly

16.8285, 16.5530, 7.4192

Monochromacy



Original Color

16.8834, 15.7768, 8.8174

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.7998, 4.1857, 4.1300

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8834, 15.7768, 8.8174 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(85, 29, 17)` looks like.

```
.text, #text, p{  
    color:rgb(85, 29, 17)  
}
```

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(85, 29, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 29, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8834, 15.7768, 8.8174 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(85, 29, 17) }
```


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

```
.border{ border-color:rgb(85, 29, 17) }
```

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

Here you see how a box with a 4 pixel rgb(85, 29, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 29, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 29, 17);  
box-shadow:4px 4px 4px 4px rgb(85, 29, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8834, 15.7768, 8.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 29, 17) }
```

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

```
.background{ background-color: rgb(85, 29,  
17) }
```

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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