

Converting Colors

HunterLab(16.5403, 19.9583,
6.7322)

Have a look what the booklet for
HunterLab(16.5403, 19.9583,
6.7322) contains.

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Color

**HunterLab(16.5156, 19.8333,
6.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	58161B
RGB	88, 22, 27
RGB Percent	35%, 9%, 11%
CMY	0.6549, 0.9137, 0.8941
CMYK	0.00, 0.75, 0.69, 0.65
HSL	355°, 60%, 22%
HSV	355°, 75%, 35%
XYZ	4.5092, 2.7277, 1.3257
YIQ	42.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

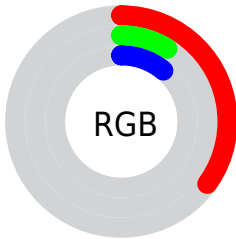
Format	Color
R_{YB}	88, 22, 27
Decimal	5772827
CIE _{Lab}	18.92, 30.49, 14.19
CIE _{LCh}	19, 33.635, 24.961
Yxy	2.7278, 0.5266, 0.3186
Android (android.graphics.Color)	4283962907 (0xFF58161B)
YUV	42.3040, -7.5449, 40.0754
Hunter-Lab	16.5156, 19.8333, 6.8016

Details

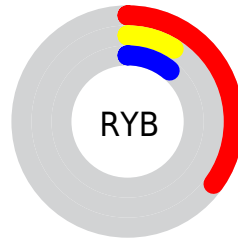
The HunterLab color **16.5156, 19.8333, 6.8016** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27.8830, -14.3400, -0.4728**, and the grayscale version is **15.3312, -0.8180, 0.8330**.

A 20% lighter version of the original color is **32.5166, 22.4246, 9.8639**, and **6.5843, 11.3090, 3.9966** is the 20% darker color. If you saturate the color by 10%, you get **15.5382, 22.0614, 7.6327**, and if you desaturate by 10%, it is **17.7950, 17.1549, 5.9327**.

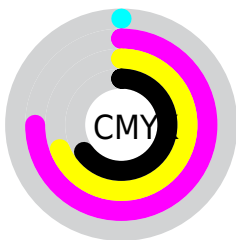
Distribution



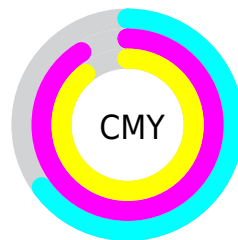
- Red (35%)
- Green (9%)
- Blue (11%)



- Red (35%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (65%)



- Cyan (65%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5156, 19.8333, 6.8016 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 16.5156, 19.8333, 6.8016 by changing the saturation by 10% instead.

■ 16.5156, 19.8333,
6.8016

■ 16.5156, 19.8333,
6.8016

■ 111.7522, 28.1015,
19.4267

■ 9.9566, 18.3259,
6.4767

■ 32.5760, 22.4874,
9.8836

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.8670, 23.6074,
11.3123

0.0000, NaN, NaN

■ 51.9041, 24.6031,
12.7017

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6355, 25.4869,
14.0661

0.0000, NaN, NaN


■ 74.0190, 26.2699,
15.4149


0.0000, NaN, NaN


■ 86.0190, 26.9615,


0.0000, NaN, NaN


16.7550


 98.6055, 27.5698,
18.0910


 16.5156, 19.8333,
6.8016


 16.5156, 19.8333,
6.8016


 15.5382, 22.0614,
7.6327


 17.7950, 17.1549,
5.9327


 14.8116, 23.8654,
8.3096

 19.3446, 14.2307,
5.0850

 14.4544, 24.8546,
8.5572

 21.1291, 11.2158,
4.2966

 23.1139, 8.2116,
3.5851

 25.2684, 5.2734,
2.9543

■ 27.5670, 2.4254,
2.4004

■ 29.9886, -0.3268,
1.9159

■ 32.5163, -2.9876,
1.4924

■ 35.1366, -5.5657,
1.1214

Harmonies

Analogous

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



16.5161, 22.3050, -0.7489



16.5156, 19.8333, 6.8016



16.5161, 11.3461, 10.2862

Triad

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



16.5161, 19.8318, 6.8019



16.5161, -13.6202, 8.2212



16.5161, -2.5000, -28.6456

Complementary

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



16.5156, 19.8333, 6.8016



27.8830, -14.3400, -0.4728

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.



16.5161, -10.3429, -21.4449



16.5156, 19.8333, 6.8016



16.5161, -15.7383, 2.3929

Square

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



16.5161, 19.8318, 6.8019



16.5161, -8.0854, 11.0277



16.5161, -14.6955, -8.5596



16.5161, 7.8162, -24.8924

Rectangle

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



16.5156, 19.8333, 6.8016



16.5161, 4.2804, 11.5270



16.5161, -14.6955, -8.5596



16.5161, -5.4794, -27.3443

Sweetspot

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



16.5161, 19.8318, 6.8019



34.0874, 6.1088, 3.7321



17.5923, 25.7470, -19.8243



16.9182, 3.3814, 1.9402



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



16.5161, 19.8318, 6.8019



19.8150, 30.9285, 10.8684



20.9082, 8.5627, 10.8803



14.5670, 0.3500, 1.0479



17.7476, 30.4934, 10.6920



41.9965, 72.0224, 26.3455

Inverse Universe

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



16.5161, 19.8318, 6.8019



19.8150, 30.9285, 10.8684



20.3954, -3.0062, -14.3241



14.5670, 0.3500, 1.0479



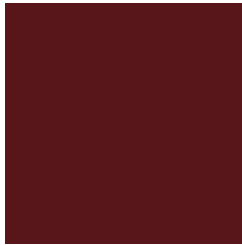
17.7476, 30.4934, 10.6920



41.9965, 72.0224, 26.3455

Previews

White Background



This preview shows how the HunterLab color 16.5156, 19.8333, 6.8016 looks on a white background.

Color Contrast Check

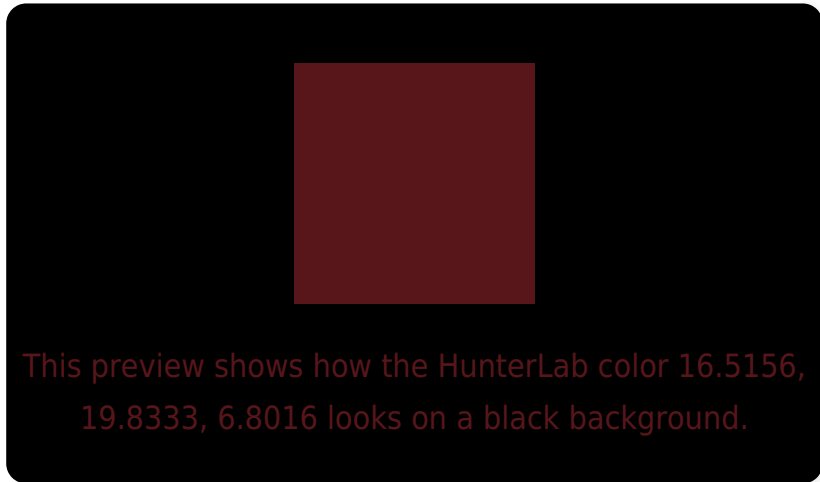
Large Text (above 18pt) WCAG AA ✓ Pass

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

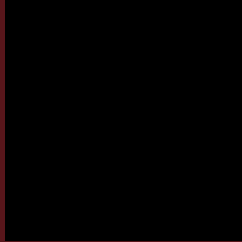
Any Text WCAG AA × Fail

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 16.5156, 19.8333, 6.8016 Background



This preview shows how black text looks on a background with the HunterLab color 16.5156, 19.8333, 6.8016.

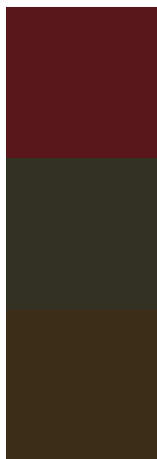


This preview shows how white text looks on a background with the HunterLab color 16.5156, 19.8333,

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

16.5156, 19.8333, 6.8016

Protanopia

17.1613, -1.5260, 4.7816

Deuteranopia

16.9365, 0.8903, 7.6140



Tritanopia

16.5812, 19.2708, 7.6561

Trichromacy



Original Color

16.5156, 19.8333, 6.8016

Protanomaly

16.2814, 5.6520, 4.8918

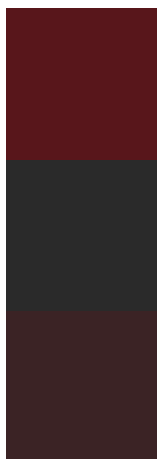
Deuteranomaly

16.4048, 7.7670, 7.1213

Tritanomaly

16.5935, 19.3233, 7.4754

Monochromacy



Original Color

16.5156, 19.8333, 6.8016

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.0514, 6.1381, 2.4875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5156, 19.8333, 6.8016 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(88, 22, 27)` looks like.

```
.text, #text, p{  
    color:rgb(88, 22, 27)  
}
```

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(88, 22, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 22, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5156, 19.8333, 6.8016 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(88, 22, 27) }
```


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

```
.border{ border-color:rgb(88, 22, 27) }
```

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

Here you see how a box with a 4 pixel rgb(88, 22, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 22, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 22, 27);  
box-shadow:4px 4px 4px 4px rgb(88, 22, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5156, 19.8333, 6.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 22, 27) }
```

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

```
.background{ background-color: rgb(88, 22,  
27) }
```

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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