

Converting Colors

HunterLab(18.7090, 4.4762,
13.0963)

Have a look what the booklet for
HunterLab(18.7090, 4.4762,
13.0963) contains.

HunterLab(18.6829, 5.1157, 11.6018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.6829, 5.1157,
11.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2E00
RGB	76, 46, 0
RGB Percent	30%, 18%, 0%
CMY	0.7020, 0.8196, 1.0000
CMYK	0.00, 0.39, 1.00, 0.70
HSL	36°, 100%, 15%
HSV	36°, 100%, 30%
XYZ	3.9575, 3.4905, 0.4652
YIQ	49.7260, 32.6460, -7.9460

Conversions

Conversions Part 2

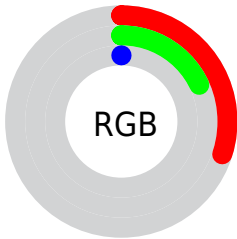
Format	Color
R_{YB}	50, 76, 0
Decimal	4992512
CIE _{Lab}	21.91, 9.89, 31.12
CIE _{LCh}	22, 32.657, 72.367
Yxy	3.4907, 0.5001, 0.4411
Android (android.graphics.Color)	4283182592 (0xFF4C2E00)
YUV	49.7260, -24.5149, 23.0423
Hunter-Lab	18.6829, 5.1157, 11.6018

Details

The HunterLab color **18.6829, 5.1157, 11.6018** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12.0429, 5.1417, -26.1515**, and the grayscale version is **17.8399, -0.9519, 0.9693**.

A 20% lighter version of the original color is **35.2827, 5.2498, 17.3138**, and **4.8271, 8.2666, 3.1192** is the 20% darker color. If you saturate the color by 10%, you get **18.6832, 5.1149, 11.6021**, and if you desaturate by 10%, it is **19.3649, 4.0935, 11.3358**.

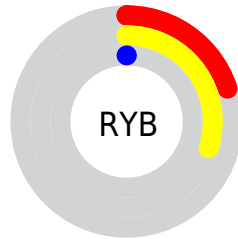
Distribution



Red (30%)

Green (18%)

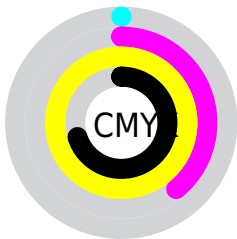
Blue (0%)



Red (20%)

Yellow (30%)

Blue (0%)

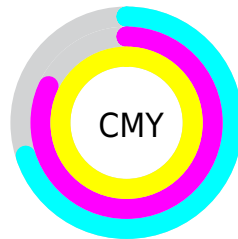


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6829, 5.1157, 11.6018 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 18.6829, 5.1157, 11.6018 by changing the saturation by 10% instead.

■ 18.6829, 5.1157,
11.6018

■ 18.6829, 5.1157,
11.6018

■ 115.7906, 4.5810,
33.6938

■ 11.8024, 4.7266,
8.2617

■ 35.2737, 5.5170,
17.2663

■ 4.5992, 9.1271,
3.2194

■ 44.7940, 5.5760,
19.9114

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.0438, 5.5585,
22.4145

0.0000, NaN, NaN

■ 65.9744, 5.4737,
24.8088

0.0000, NaN, NaN

■ 77.5458, 5.3286,
27.1182

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7242, 5.1286,


29.3604

0.0000, NaN, NaN

 102.4809, 4.8782,
31.5488

 18.6829, 5.1157,
11.6018


 18.6829, 5.1157,
11.6018

 18.6832, 5.1149,
11.6021

 19.3649, 4.0935,
11.3358

 20.0692, 3.0905,
11.0631

 20.8090, 2.1806,
10.5805

 21.5838, 1.3719,
9.8753

 22.3922, 0.6648,
8.9539

■ 23.2327, 0.0579,
7.8250

■ 24.1036, -0.4515,
6.4996

■ 25.0035, -0.8672,
4.9892

■ 25.9306, -1.1933,
3.3055

Harmonies

Analogous

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



18.6834, 15.2189, 9.5582



18.6829, 5.1157, 11.6018



18.6834, -4.8963, 11.7743

Triad

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



18.6834, 5.1146, 11.6020



18.6834, -16.1734, -3.2838



18.6834, 13.6108, -17.8777

Complementary

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



18.6829, 5.1157, 11.6018



12.0429, 5.1417, -26.1515

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.



18.6834, 3.2489, -26.6620



18.6829, 5.1157, 11.6018



18.6834, -13.0680, -15.7275

Square

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



18.6834, 5.1146, 11.6020



18.6834, -15.8789, 5.7064



18.6834, -6.4134, -25.7175



18.6834, 20.7821, -5.3301

Rectangle

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



18.6829, 5.1157, 11.6018



18.6834, -10.1220, 10.8168



18.6834, -6.4134, -25.7175



18.6834, 10.3031, -21.6031

Sweetspot

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



18.6834, 5.1146, 11.6020



31.6882, -0.5253, 8.7943



12.7763, 22.6287, 2.4433



16.1079, -0.1940, 4.7229



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.6834, 5.1146, 11.6020



24.3523, 7.3810, 15.1350



25.3224, -9.0946, 15.4442



13.5714, -0.6407, 1.5986



24.9835, 7.6349, 15.5284



59.3133, 21.6746, 36.9280

Inverse Universe

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



12.0429, 5.1417, -26.1515



15.4184, 7.8371, -36.1897



7.5558, 19.8438, -48.6500



13.2163, -0.7547, -0.1908



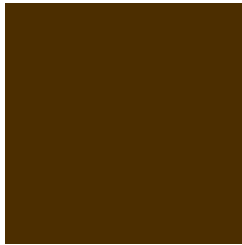
15.7941, 8.1403, -37.3137



36.1894, 25.0498, -99.3091

Previews

White Background



This preview shows how the HunterLab color 18.6829, 5.1157, 11.6018 looks on a white background.

Color Contrast Check

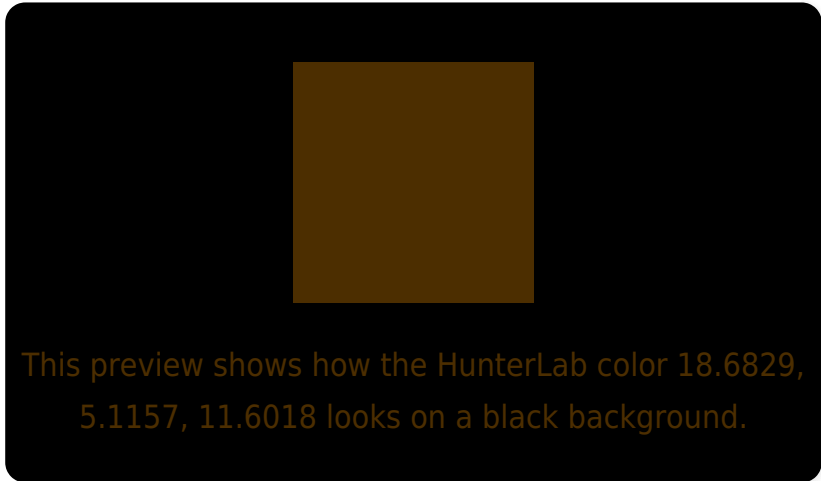
Large Text (above 18pt) WCAG AA ✓ Pass

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

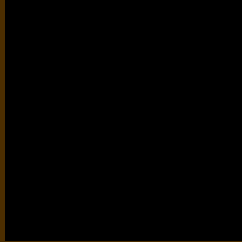
Any Text WCAG AA × Fail

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 18.6829, 5.1157, 11.6018 Background



This preview shows how black text looks on a background with the HunterLab color 18.6829, 5.1157, 11.6018.



This preview shows how white text looks on a background with the HunterLab color 18.6829, 5.1157,

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

18.6829, 5.1157, 11.6018

Protanopia

18.7617, -2.6786, 10.9695

Deuteranopia

18.6400, 0.4690, 11.4941



Tritanopia

18.8274, 9.7055, 3.6315

Trichromacy



Original Color

18.6829, 5.1157, 11.6018

Protanomaly

18.5694, 0.2756, 11.0804

Deuteranomaly

18.7049, 1.8512, 11.5583

Tritanomaly

18.6222, 7.5069, 7.9054

Monochromacy



Original Color

18.6829, 5.1157, 11.6018

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9742, -0.0468, 6.5672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6829, 5.1157, 11.6018 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(76, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 46, 0)  
}
```

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(76, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 46, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6829, 5.1157, 11.6018 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(76, 46, 0) }
```


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

```
.border{ border-color:rgb(76, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 46, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 46, 0); box-shadow:4px  
4px 4px 4px rgb(76, 46, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.6829, 5.1157, 11.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 46, 0) }
```

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

```
.background{ background-color: rgb(76, 46,  
0) }
```

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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