

Converting Colors

HunterLab(18.7295, 5.1419,
13.1107)

Have a look what the booklet for
HunterLab(18.7295, 5.1419,
13.1107) contains.

HunterLab(18.7930, 5.4619, 11.6758)	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(18.7930, 5.4619,
11.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2E00
RGB	77, 46, 0
RGB Percent	30%, 18%, 0%
CMY	0.6980, 0.8196, 1.0000
CMYK	0.00, 0.40, 1.00, 0.70
HSL	36°, 100%, 15%
HSV	36°, 100%, 30%
XYZ	4.0376, 3.5318, 0.4689
YIQ	50.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

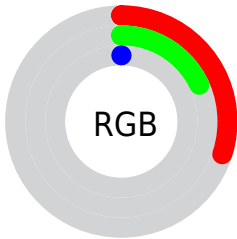
Format	Color
RYB	52, 77, 0
Decimal	5058048
CIELab	22.06, 10.41, 31.33
CIELCh	22, 33.011, 71.614
Yxy	3.5320, 0.5023, 0.4394
Android (android.graphics.Color)	4283248128 (0xFF4D2E00)
YUV	50.0250, -24.6623, 23.6571
Hunter-Lab	18.7930, 5.4619, 11.6758

Details

The HunterLab color **18.7930, 5.4619, 11.6758** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12.3114, 4.9805, -26.1394**, and the grayscale version is **17.9403, -0.9573, 0.9747**.

A 20% lighter version of the original color is **35.5040, 5.9726, 17.4909**, and **4.9687, 8.5090, 3.2106** is the 20% darker color. If you saturate the color by 10%, you get **18.7934, 5.4609, 11.6760**, and if you desaturate by 10%, it is **19.4932, 4.3954, 11.4159**.

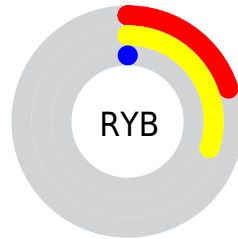
Distribution



Red (30%)

Green (18%)

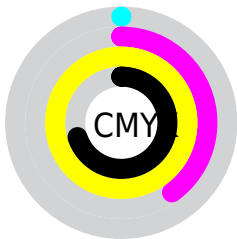
Blue (0%)



Red (20%)

Yellow (30%)

Blue (0%)

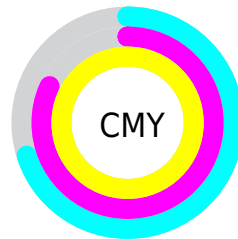


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7930, 5.4619, 11.6758 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 18.7930, 5.4619, 11.6758 by changing the saturation by 10% instead.

■ 18.7930, 5.4619,
11.6758

■ 18.7930, 5.4619,
11.6758

■ 115.9927, 5.1524,
33.8779

■ 11.8969, 5.0391,
8.3278

■ 35.4097, 5.9235,
17.3728

■ 4.7749, 9.2468,
3.3424

■ 44.9413, 6.0098,
20.0308

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2016, 6.0180,
22.5462

0.0000, NaN, NaN

■ 66.1420, 5.9576,
24.9521

0.0000, NaN, NaN

■ 77.7226, 5.8357,
27.2724

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 89.9099, 5.6580,

29.5250


0.0000, NaN, NaN

 102.6749, 5.4290,
31.7234


 18.7930, 5.4619,
11.6758


 18.7930, 5.4619,
11.6758


 18.7934, 5.4609,
11.6760

 19.4932, 4.3954,
11.4159

 20.2175, 3.3494,
11.1468

 20.9790, 2.3986,
10.6632

 21.7771, 1.5509,
9.9541

 22.6102, 0.8067,
9.0261

■ 23.4767, 0.1645,
7.8888

■ 24.3748, -0.3785,
6.5535

■ 25.3029, -0.8262,
5.0321

■ 26.2592, -1.1830,
3.3369

Harmonies

Analogous

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



18.7935, 15.6603, 9.5729



18.7930, 5.4619, 11.6758



18.7935, -4.7240, 11.8986

Triad

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



18.7935, 5.4608, 11.6760



18.7935, -16.3857, -3.0492



18.7935, 13.5635, -18.4605

Complementary

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



18.7930, 5.4619, 11.6758



12.3114, 4.9805, -26.1394

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.



18.7935, 3.0304, -27.2019



18.7930, 5.4619, 11.6758



18.7935, -13.3379, -15.6521

Square

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



18.7935, 5.4608, 11.6760



18.7935, -16.0035, 5.9303



18.7935, -6.6977, -25.9674



18.7935, 20.9717, -5.7171

Rectangle

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



18.7930, 5.4619, 11.6758



18.7935, -10.0668, 10.9671



18.7935, -6.6977, -25.9674



18.7935, 10.1878, -22.2040

Sweetspot

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



18.7935, 5.4608, 11.6760



31.6278, -0.4226, 8.7384



12.9712, 23.0207, 2.1224



16.0747, -0.1375, 4.6927



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.



18.7935, 5.4608, 11.6760



24.1843, 7.7215, 15.0374



25.7519, -8.8699, 15.7129



13.5645, -0.6293, 1.5911



24.8106, 7.9857, 15.4280



58.8754, 22.5895, 36.6742

Inverse Universe

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



12.3114, 4.9805, -26.1394



15.5867, 7.4653, -35.5975



7.5977, 20.0628, -49.7577



13.2232, -0.7661, -0.1825



15.9671, 7.7569, -36.7025



36.6157, 24.0316, -97.6436

Previews

White Background



This preview shows how the HunterLab color 18.7930, 5.4619, 11.6758 looks on a white background.

Color Contrast Check

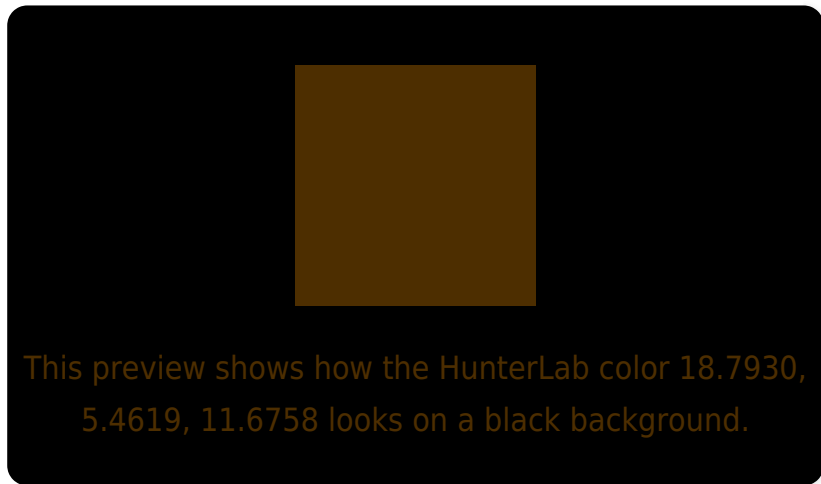
Large Text (above 18pt) WCAG AA ✓ Pass

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

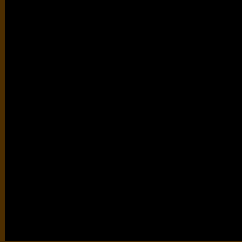
Any Text WCAG AA × Fail

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 18.7930, 5.4619, 11.6758 Background



This preview shows how black text looks on a background with the HunterLab color 18.7930, 5.4619, 11.6758.



This preview shows how white text looks on a background with the HunterLab color 18.7930, 5.4619,

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

18.7930, 5.4619, 11.6758

Protanopia

19.0056, -3.0599, 11.1201

Deuteranopia

18.9647, 0.3920, 11.6928



Tritanopia

18.9401, 10.0326, 3.7551

Trichromacy



Original Color

18.7930, 5.4619, 11.6758

Protanomaly

18.8007, -0.1220, 11.2205

Deuteranomaly

18.8048, 2.1829, 11.6257

Tritanomaly

18.7344, 7.8451, 8.0027

Monochromacy



Original Color

18.7930, 5.4619, 11.6758

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.0598, 0.2460, 6.6465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7930, 5.4619, 11.6758 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(77, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 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(77, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 46, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7930, 5.4619, 11.6758 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(77, 46, 0) }
```


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

```
.border{ border-color:rgb(77, 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(77, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 46, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 46, 0); box-shadow:4px  
4px 4px 4px rgb(77, 46, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7930, 5.4619, 11.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 46, 0) }
```

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

```
.background{ background-color: rgb(77, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor