

Converting Colors

HunterLab(18.6044, 31.8785,
11.8822)

Have a look what the booklet for
HunterLab(18.6044, 31.8785,
11.8822) contains.

HunterLab(18.5718, 31.8284, 11.8177)	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(18.5718, 31.8284,
11.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	700002
RGB	112, 0, 2
RGB Percent	44%, 0%, 1%
CMY	0.5608, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.56
HSL	359°, 100%, 22%
HSV	359°, 100%, 44%
XYZ	6.6930, 3.4491, 0.3704
YIQ	33.7160, 66.1100, 24.3660

Conversions

Conversions Part 2

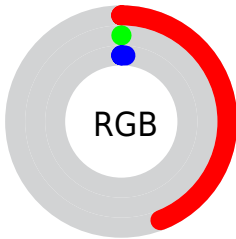
Format	Color
RYB	112, 0, 2
Decimal	7340034
CIELab	21.76, 43.71, 32.22
CIELCh	22, 54.305, 36.392
Yxy	3.4493, 0.6367, 0.3281
Android (android.graphics.Color)	4285530114 (0xFF700002)
YUV	33.7160, -15.6360, 68.6551
Hunter-Lab	18.5718, 31.8284, 11.8177

Details

The HunterLab color **18.5718, 31.8284, 11.8177** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **35.6571, -19.3017, -2.9002**, and the grayscale version is **12.5929, -0.6719, 0.6842**.

A 20% lighter version of the original color is **35.0950, 35.4795, 17.5224**, and **9.1812, 15.7470, 5.7476** is the 20% darker color. If you saturate the color by 10%, you get **18.5717, 31.8280, 11.8186**, and if you desaturate by 10%, it is **19.2821, 29.9167, 11.2343**.

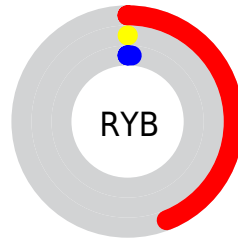
Distribution



Red (44%)

Green (0%)

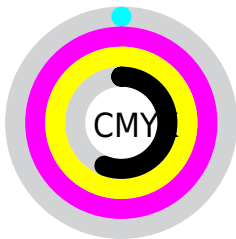
Blue (1%)



Red (44%)

Yellow (0%)

Blue (1%)

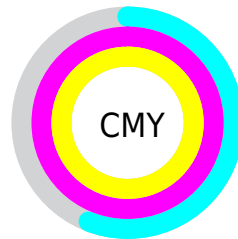


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5718, 31.8284, 11.8177 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 18.5718, 31.8284, 11.8177 by changing the saturation by 10% instead.

■ 18.5718, 31.8284,
11.8177

■ 18.5718, 31.8284,
11.8177

■ 115.5866, 44.3318,
34.4787

■ 11.7072, 30.0647,
8.1950

■ 35.1365, 35.3598,
17.5737

■ 4.4146, 45.7579,
3.0902

■ 44.6454, 36.9698,
20.3040

0.0000, INF, NaN

0.0000, NaN, NaN

■ 54.8846, 38.4603,
22.8849

0.0000, NaN, NaN

■ 65.8053, 39.8356,
25.3509

0.0000, NaN, NaN

■ 77.3673, 41.1031,
27.7269

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.5369, 42.2702,

30.0313


0.0000, NaN, NaN


 102.2850, 43.3443,
32.2783


 18.5718, 31.8284,
11.8177


 18.5718, 31.8284,
11.8177


 18.5717, 31.8280,
11.8186

 19.2821, 29.9167,
11.2343

 20.2493, 27.5192,
10.4287

 21.6519, 24.3226,
9.4126

 23.4615, 20.6181,
8.2846

 25.6312, 16.6764,
7.1300

■ 28.1098, 12.6917,
6.0061

■ 30.8492, 8.7786,
4.9432

■ 33.8082, 4.9920,
3.9530

■ 36.9529, 1.3495,
3.0357

Harmonies

Analogous

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



18.5724, 41.8927, 4.0504



18.5718, 31.8284, 11.8177



18.5724, 13.4019, 13.0007

Triad

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



18.5724, 31.8260, 11.8180



18.5724, -21.9568, 9.4596



18.5724, 2.6512, -60.3499

Complementary

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



18.5718, 31.8284, 11.8177



35.6571, -19.3017, -2.9002

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.



18.5724, -12.0104, -52.8457



18.5718, 31.8284, 11.8177



18.5724, -23.0914, -2.6488

Square

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



18.5724, 31.8260, 11.8180



18.5724, -16.2446, 13.0007



18.5724, -20.1722, -27.0520



18.5724, 21.6690, -42.9865

Rectangle

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



18.5718, 31.8284, 11.8177



18.5724, 1.0350, 13.0007



18.5724, -20.1722, -27.0520



18.5724, -2.9355, -60.7756

Sweetspot

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



18.5724, 31.8260, 11.8180



40.5881, 12.0430, 6.6606



20.9164, 41.4097, -29.8384



19.3002, 6.7268, 3.4863



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.5724, 31.8260, 11.8180



24.6115, 42.1709, 15.7252



24.3416, 15.4974, 15.2697



18.4455, 0.4936, 1.4593



19.9675, 34.2183, 12.7214



44.5505, 76.3157, 28.6200

Inverse Universe

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



18.5724, 31.8260, 11.8180



24.6115, 42.1709, 15.7252



20.9148, 2.0348, -30.5322



18.4455, 0.4936, 1.4593



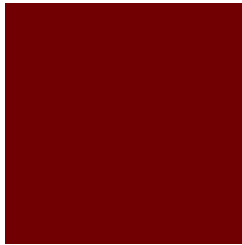
19.9675, 34.2183, 12.7214



44.5505, 76.3157, 28.6200

Previews

White Background



This preview shows how the HunterLab color 18.5718, 31.8284, 11.8177 looks on a white background.

Color Contrast Check

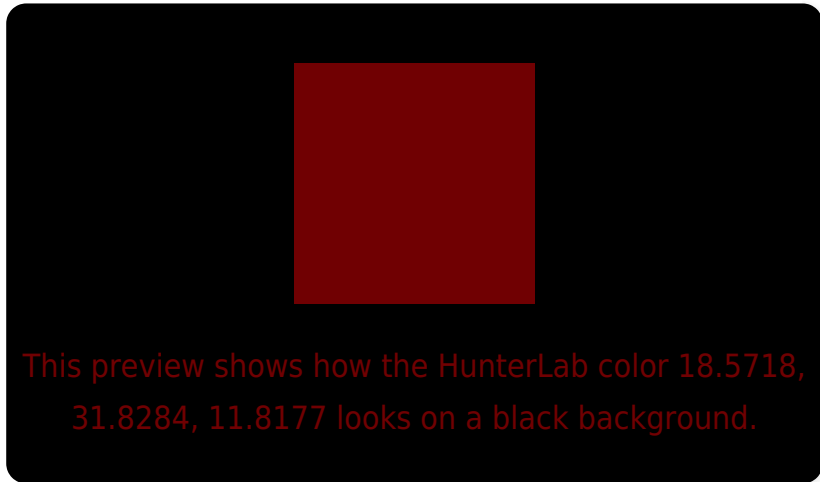
Large Text (above 18pt) WCAG AA ✓ Pass

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

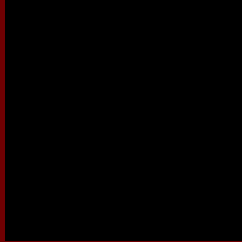
Any Text WCAG AA × Fail

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 18.5718, 31.8284, 11.8177 Background



This preview shows how black text looks on a background with the HunterLab color 18.5718, 31.8284, 11.8177.



This preview shows how white text looks on a background with the HunterLab color 18.5718, 31.8284,

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

18.5718, 31.8284, 11.8177

Protanopia

20.0437, -3.0233, 10.9611

Deuteranopia

19.9447, 0.1591, 12.2926



Tritanopia

18.9647, 29.5358, 12.2030

Trichromacy



Original Color

18.5718, 31.8284, 11.8177

Protanomaly

17.4155, 11.3306, 9.9521

Deuteranomaly

17.6768, 13.6509, 11.0350

Tritanomaly

18.7402, 30.3186, 11.9875

Monochromacy



Original Color

18.5718, 31.8284, 11.8177

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8681, 11.0268, 4.6249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5718, 31.8284, 11.8177 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(112, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 2)  
}
```

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(112, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5718, 31.8284, 11.8177 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(112, 0, 2) }
```


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

```
.border{ border-color:rgb(112, 0, 2) }
```

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

Here you see how a box with a 4 pixel rgb(112, 0, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(112, 0, 2); box-shadow:4px  
4px 4px 4px rgb(112, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5718, 31.8284, 11.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 2) }
```

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

```
.background{ background-color: rgb(112, 0,  
2) }
```

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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