

Converting Colors

HunterLab(17.8235, 45.4595,
-120.4118)

Have a look what the booklet for
HunterLab(17.8235, 45.4595,
-120.4118) contains.

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Color

**HunterLab(17.8019, 45.2404,
-119.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	0007AD
RGB	0, 7, 173
RGB Percent	0%, 3%, 68%
CMY	0.9999, 0.9726, 0.3216
CMYK	1.00, 0.96, 0.00, 0.32
HSL	238°, 100%, 34%
HSV	238°, 100%, 68%
XYZ	7.6188, 3.1691, 39.7452
YIQ	23.8310, -57.4580, 50.1420

Conversions

Conversions Part 2

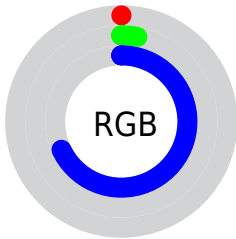
Format	Color
RYB	0, 7, 173
Decimal	1965
CIELab	20.71, 57.36, -79.64
CIELCh	21, 98.151, 305.762
Yxy	3.1691, 0.1508, 0.0627
Android (android.graphics.Color)	4278192045 (0xFF0007AD)
YUV	23.8310, 73.5403, -20.8998
Hunter-Lab	17.8019, 45.2404, -119.9119

Details

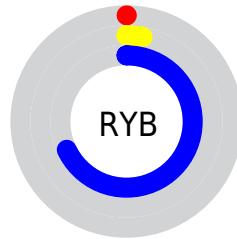
The HunterLab color **17.8019, 45.2404, -119.9119** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **60.1434, -13.6086, 36.8210**, and the grayscale version is **9.3054, -0.4965, 0.5056**.

A 20% lighter version of the original color is **34.2050, 49.3930, -107.8237**, and **11.5408, 31.3045, -82.0025** is the 20% darker color. If you saturate the color by 10%, you get **17.7994, 45.2512, -119.9320**, and if you desaturate by 10%, it is **19.4320, 40.3842, -107.9474**.

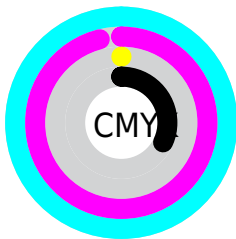
Distribution



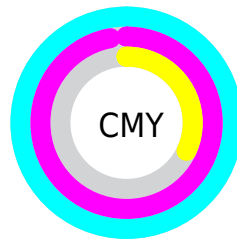
- Red (0%)
- Green (3%)
- Blue (68%)



- Red (0%)
- Yellow (3%)
- Blue (68%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (97%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8019, 45.2404, -119.9119 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 17.8019, 45.2404, -119.9119 by changing the saturation by 10% instead.

■ 17.8019, 45.2404,
-119.9119

■ 17.8019, 45.2404,
-119.9119

■ 114.1622, 61.5633,
-107.3477

■ 11.0482, 43.7075,
-137.3108

■ 34.1812, 49.3311,
-107.9160

■ 2.8009, 100.0489,
-365.5508

■ 43.6100, 51.3719,
-105.9597

0.0000, INF, -NF

■ 53.7749, 53.3251,
-105.1380

0.0000, NaN, -NF

■ 64.6259, 55.1762,
-104.9926

0.0000, NaN, -NF

■ 76.1221, 56.9225,
-105.2676

0.0000, NaN, NaN


■ 88.2292, 58.5662,


0.0000, NaN, NaN


-105.8101


0.0000, NaN, NaN


 100.9177, 60.1114,
-106.5242


 17.8019, 45.2404,
-119.9119


 17.8019, 45.2404,
-119.9119


 17.7994, 45.2512,
-119.9320

 19.4320, 40.3842,
-107.9474

 22.1336, 33.7593,
-91.6745

 25.7916, 26.9028,
-74.5204

 30.1818, 20.6525,
-58.7047

 35.1211, 15.2152,
-44.8340

■ 40.4786, 10.5210,
-32.7812

■ 46.1646, 6.4290,
-22.2168

■ 52.1168, 2.8044,
-12.8136

■ 58.2912, -0.4622,
-4.3020

Harmonies

Analogous

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



17.8019, 5.0509, -176.5214



17.8019, 45.2404, -119.9119



17.8019, 84.7546, -37.9195

Triad

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



17.8019, 45.2438, -119.9126



17.8019, 28.4974, 12.4613



17.8019, -31.1533, -5.2781

Complementary

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



17.8019, 45.2404, -119.9119



60.1434, -13.6086, 36.8210

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.



17.8019, -31.1533, 12.4613



17.8019, 45.2404, -119.9119



17.8019, -6.2496, 12.4613

Square

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



17.8019, 45.2438, -119.9126



17.8019, 71.4655, 12.4613



17.8019, -23.3449, 12.4613



17.8019, -28.7992, -67.1530

Rectangle

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



17.8019, 45.2404, -119.9119



17.8019, 96.9253, -3.4521



17.8019, -23.3449, 12.4613



17.8019, -31.1533, 4.4845

Sweetspot

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



17.8019, 45.2438, -119.9126



61.3578, 8.8833, -30.4556



57.0793, -32.1009, -2.0455



27.1419, 5.1474, -16.7988



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



17.8019, 45.2438, -119.9126



23.6632, 61.2304, -161.7559



21.5219, 50.8672, -94.7620



27.9409, -0.3200, -1.7860



15.3229, 38.5026, -102.2683



2.8583, 5.2504, -14.9067

Inverse Universe

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



29.8333, 51.1359, 18.8795



39.9137, 68.4031, 25.4071



56.8586, -37.7192, 34.3747



28.3203, 0.9751, 2.2286



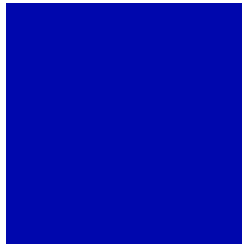
25.5736, 43.8474, 16.1230



4.2848, 7.3850, 2.4027

Previews

White Background



This preview shows how the HunterLab color 17.8019, 45.2404, -119.9119 looks on a white background.

Color Contrast Check

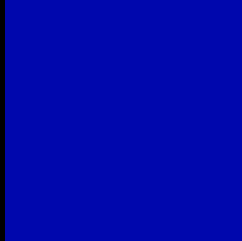
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.8019, 45.2404, -119.9119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

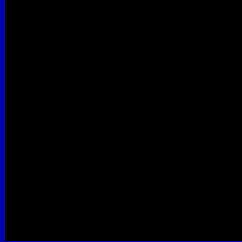
Any Text WCAG AA × Fail

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 17.8019, 45.2404, -119.9119 Background



This preview shows how black text looks on a background with the HunterLab color 17.8019, 45.2404, -119.9119.



This preview shows how white text looks on a background with the HunterLab color 17.8019, 45.2404, -119.9119.

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

17.8019, 45.2404, -119.9119

Protanopia

18.4615, 4.2921, -32.3407

Deuteranopia

18.3753, -1.4152, -19.9126



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

17.8019, 45.2404, -119.9119

Protanomaly

16.7743, 19.9173, -63.9621

Deuteranomaly

16.3683, 15.5407, -54.0068

Tritanomaly

15.5253, 8.7461, -38.2856

Monochromacy



Original Color

17.8019, 45.2404, -119.9119

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.4126, 12.4367, -34.4072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8019, 45.2404, -119.9119 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(0, 7, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 7, 173)  
}
```

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(0, 7, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 7, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8019, 45.2404, -119.9119 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(0, 7, 173) }
```


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

```
.border{ border-color:rgb(0, 7, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 7, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 7, 173); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 7, 173); box-shadow:4px  
4px 4px 4px rgb(0, 7, 173) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8019, 45.2404, -119.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 7, 173) }
```

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

```
.background{ background-color: rgb(0, 7,  
173) }
```

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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