

Converting Colors

HunterLab(17.8025, 47.5217,
-120.5446)

Have a look what the booklet for
HunterLab(17.8025, 47.5217,
-120.5446) contains.

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Color

**HunterLab(17.7639, 47.4054,
-120.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	1300AD
RGB	19, 0, 173
RGB Percent	7%, 0%, 68%
CMY	0.9254, 1.0000, 0.3216
CMYK	0.89, 1.00, 0.00, 0.32
HSL	247°, 100%, 34%
HSV	247°, 100%, 68%
XYZ	7.8114, 3.1556, 39.7324
YIQ	25.4030, -44.2090, 57.8310

Conversions

Conversions Part 2

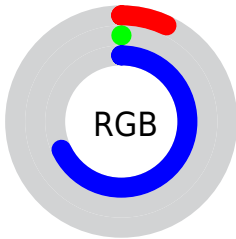
Format	Color
R_{YB}	19, 0, 173
Decimal	1245357
CIE _{Lab}	20.66, 59.38, -79.72
CIE _{LCh}	21, 99.406, 306.684
Yxy	3.1558, 0.1541, 0.0622
Android (android.graphics.Color)	4279435437 (0xFF1300AD)
YUV	25.4030, 72.7653, -5.6154
Hunter-Lab	17.7639, 47.4054, -120.1789

Details

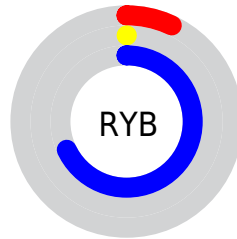
The HunterLab color **17.7639, 47.4054, -120.1789** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **60.6260, -22.8723, 36.9571**, and the grayscale version is **9.7797, -0.5218, 0.5313**.

A 20% lighter version of the original color is **34.1554, 51.6824, -108.0028**, and **11.5408, 31.3045, -82.0025** is the 20% darker color. If you saturate the color by 10%, you get **17.7645, 47.4058, -120.1743**, and if you desaturate by 10%, it is **19.4284, 43.3737, -107.9191**.

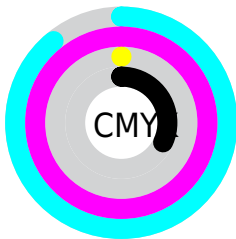
Distribution



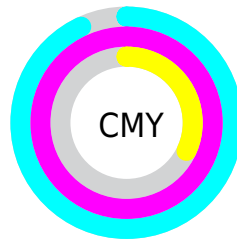
- Red (7%)
- Green (0%)
- Blue (68%)



- Red (7%)
- Yellow (0%)
- Blue (68%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (93%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7639, 47.4054, -120.1789 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 17.7639, 47.4054, -120.1789 by changing the saturation by 10% instead.

■ 17.7639, 47.4054,
-120.1789

■ 17.7639, 47.4054,
-120.1789

■ 114.0928, 64.1934,
-107.4812

■ 11.0163, 45.9481,
-137.6991

■ 34.1348, 51.5306,
-108.0935

■ 2.6975, 108.8686,
-379.5421

■ 43.5597, 53.6221,
-106.1203

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.7209, 55.6338,
-105.2882

0.0000, NaN, -NF

■ 64.5685, 57.5474,
-105.1362

0.0000, NaN, -NF

■ 76.0615, 59.3580,
-105.4067


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1655, 61.0667,

-105.9464

0.0000, NaN, NaN


 100.8512, 62.6770,
-106.6588


 17.7639, 47.4054,
-120.1789


 17.7639, 47.4054,
-120.1789


 17.7645, 47.4058,
-120.1743

 19.4284, 43.3737,
-107.9191

 22.0664, 37.7343,
-91.9691

 25.6814, 31.2395,
-74.9022

 30.0504, 24.8903,
-59.0509

 34.9860, 19.0584,
-45.1076

■ 40.3529, 13.7825,
-32.9819

■ 46.0580, 8.9855,
-22.3553

■ 52.0365, 4.5698,
-12.9015

■ 58.2429, 0.4482,
-4.3491

Harmonies

Analogous

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



17.7645, 6.1687, -180.4490



17.7639, 47.4054, -120.1789



17.7645, 87.2828, -36.5504

Triad

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



17.7645, 47.4058, -120.1743



17.7645, 27.6377, 12.4352



17.7645, -31.0879, -6.5547

Complementary

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



17.7639, 47.4054, -120.1789



60.6260, -22.8723, 36.9571

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.



17.7645, -31.0879, 12.4352



17.7639, 47.4054, -120.1789



17.7645, -7.0967, 12.4352

Square

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



17.7645, 47.4058, -120.1743



17.7645, 71.5545, 12.4352



17.7645, -23.8138, 12.4352



17.7645, -28.8012, -71.2471

Rectangle

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



17.7639, 47.4054, -120.1789



17.7645, 98.9746, -2.4564



17.7645, -23.8138, 12.4352



17.7645, -31.0879, 3.8209

Sweetspot

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



17.7645, 47.4058, -120.1743



61.2278, 12.3478, -30.6204



51.6658, -23.4556, -13.9438



27.0758, 6.9475, -16.8901



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.



17.7645, 47.4058, -120.1743



23.6772, 63.3689, -161.6057



24.3890, 54.1374, -80.1344



27.9246, 0.0813, -1.8001



15.2693, 40.6650, -102.6576



2.7918, 6.9897, -15.3164

Inverse Universe

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



33.4913, 64.3188, -32.3427



44.7981, 85.9982, -42.9902



55.8209, -42.0075, 33.6611



28.5179, 2.0365, -0.5849



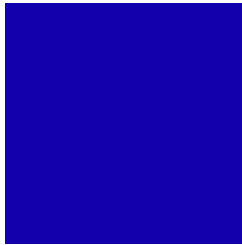
28.7150, 55.1604, -27.8409



4.8333, 9.3539, -5.2230

Previews

White Background



This preview shows how the HunterLab color 17.7639, 47.4054, -120.1789 looks on a white background.

Color Contrast Check

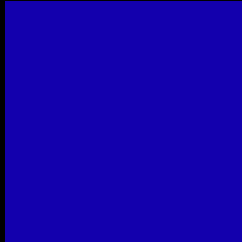
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7639, 47.4054, -120.1789 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 17.7639, 47.4054, -120.1789 Background



This preview shows how black text looks on a background with the HunterLab color 17.7639, 47.4054, -120.1789.



This preview shows how white text looks on a background with the HunterLab color 17.7639, 47.4054, -120.1789.

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

17.7639, 47.4054, -120.1789

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.6754, -1.5752, -19.9422

Trichromacy



Original Color

17.7639, 47.4054, -120.1789

Protanomaly

16.4830, 22.0621, -66.6953

Deuteranomaly

16.2102, 17.2183, -55.8723

Monochromacy



Original Color

17.7639, 47.4054, -120.1789

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.5700, 14.4316, -34.7266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7639, 47.4054, -120.1789 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(19, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(19, 0, 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(19, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 0, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7639, 47.4054, -120.1789 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(19, 0, 173) }
```

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

```
.border{ border-color:rgb(19, 0, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 0, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(19, 0, 173)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 17.7639, 47.4054, -120.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 0, 173) }
```

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

```
.background{ background-color: rgb(19, 0,  
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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