

Converting Colors

HunterLab(18.9710, 49.5375,
-119.9031)

Have a look what the booklet for
HunterLab(18.9710, 49.5375,
-119.9031) contains.

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Color

**HunterLab(19.0053, 49.6717,
-120.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	2300B3
RGB	35, 0, 179
RGB Percent	14%, 0%, 70%
CMY	0.8627, 1.0000, 0.2980
CMYK	0.80, 1.00, 0.00, 0.30
HSL	252°, 100%, 35%
HSV	252°, 100%, 70%
XYZ	8.8298, 3.6120, 42.8797
YIQ	30.8710, -36.5990, 63.0890

Conversions

Conversions Part 2

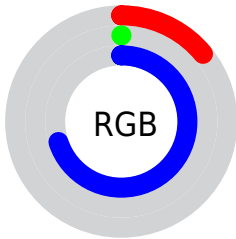
Format	Color
RYB	35, 0, 179
Decimal	2293939
CIELab	22.35, 61.17, -80.48
CIELCh	22, 101.093, 307.236
Yxy	3.6122, 0.1596, 0.0653
Android (android.graphics.Color)	4280484019 (0xFF2300B3)
YUV	30.8710, 73.0276, 3.6211
Hunter-Lab	19.0053, 49.6717, -120.4663

Details

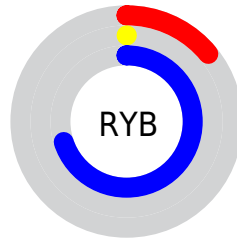
The HunterLab color **19.0053, 49.6717, -120.4663** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **61.7807, -28.3162, 37.5733**, and the grayscale version is **11.4546, -0.6112, 0.6223**.

A 20% lighter version of the original color is **35.6491, 53.9771, -109.0709**, and **12.1683, 33.0064, -86.4607** is the 20% darker color. If you saturate the color by 10%, you get **19.0059, 49.6723, -120.4622**, and if you desaturate by 10%, it is **20.8502, 46.0234, -107.6212**.

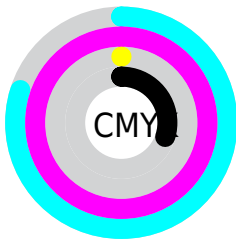
Distribution



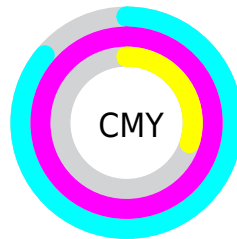
- Red (14%)
- Green (0%)
- Blue (70%)



- Red (14%)
- Yellow (0%)
- Blue (70%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (86%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0053, 49.6717, -120.4663 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 19.0053, 49.6717, -120.4663 by changing the saturation by 10% instead.

■ 19.0053, 49.6717,
-120.4663

■ 19.0053, 49.6717,
-120.4663

■ 116.3818, 66.7937,
-109.0771

■ 12.0794, 48.1204,
-136.1459

■ 35.6719, 53.8705,
-109.3499

■ 5.0959, 64.5565,
-219.5953

■ 45.2251, 55.9943,
-107.5250

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.5055, 58.0404,
-106.7729

0.0000, NaN, -NF

■ 66.4647, 59.9902,
-106.6668

0.0000, NaN, -NF

■ 78.0632, 61.8387,
-106.9650

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.2673, 63.5865,


-107.5222


0.0000, NaN, NaN


 103.0485, 65.2367,
-108.2464


 19.0053, 49.6717,
-120.4663


 19.0053, 49.6717,
-120.4663


 19.0059, 49.6723,
-120.4622

 20.8502, 46.0234,
-107.6212

 23.6390, 40.6638,
-91.6894

 27.3747, 34.2607,
-74.9021

 31.8506, 27.7816,
-59.2768

 36.8907, 21.6418,
-45.4325

■ 42.3651, 15.9359,
-33.3018

■ 48.1829, 10.6296,
-22.6031

■ 54.2800, 5.6527,
-13.0385

■ 60.6104, 0.9353,
-4.3547

Harmonies

Analogous

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



19.0059, 7.0268, -182.3240



19.0053, 49.6717, -120.4663



19.0059, 90.0985, -36.1691

Triad

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



19.0059, 49.6723, -120.4622



19.0059, 27.7235, 13.3041



19.0059, -33.2603, -7.5085

Complementary

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



19.0053, 49.6717, -120.4663



61.7807, -28.3162, 37.5733

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.



19.0059, -32.5498, 13.3041



19.0053, 49.6717, -120.4663



19.0059, -7.9086, 13.3041

Square

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



19.0059, 49.6723, -120.4622



19.0059, 72.7514, 13.3041



19.0059, -25.2015, 13.3041



19.0059, -29.6303, -74.2542

Rectangle

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



19.0053, 49.6717, -120.4663



19.0059, 101.5396, -1.8841



19.0059, -25.2015, 13.3041



19.0059, -33.2603, 3.5531

Sweetspot

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



19.0059, 49.6723, -120.4622



64.0776, 14.5736, -30.9349



48.8561, -18.1115, -21.9684



28.6138, 8.2296, -17.2885



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



19.0059, 49.6723, -120.4622



25.2899, 66.3579, -162.3238



27.2313, 58.5861, -75.0510



28.8228, 0.2936, -1.7894



16.0463, 41.8123, -100.7347



3.2334, 7.7753, -15.2588

Inverse Universe

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



34.0544, 64.2308, -23.8211



45.5385, 85.8326, -31.3998



57.5334, -45.4907, 34.6554



29.3559, 1.9985, -0.3063



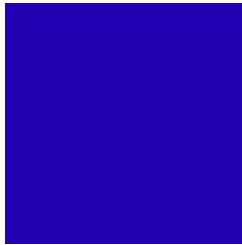
28.6430, 54.0509, -20.2426



5.1520, 9.8391, -4.5474

Previews

White Background



This preview shows how the HunterLab color 19.0053, 49.6717, -120.4663 looks on a white background.

Color Contrast Check

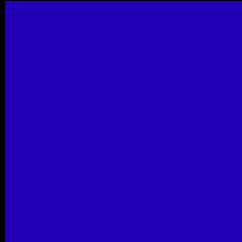
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0053, 49.6717, -120.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

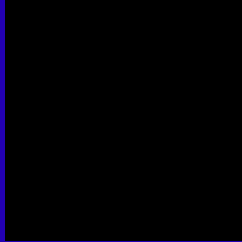
Any Text WCAG AA × Fail

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 19.0053, 49.6717, -120.4663 Background



This preview shows how black text looks on a background with the HunterLab color 19.0053, 49.6717, -120.4663.



This preview shows how white text looks on a background with the HunterLab color 19.0053, 49.6717, -120.4663.

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

19.0053, 49.6717, -120.4663

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.6739, -1.5457, -21.2539

Trichromacy



Original Color

19.0053, 49.6717, -120.4663

Protanomaly

17.5060, 23.6655, -70.2343

Deuteranomaly

17.0735, 18.1447, -57.7067

Monochromacy



Original Color

19.0053, 49.6717, -120.4663

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.0965, 15.5079, -34.3989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0053, 49.6717, -120.4663 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(35, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 179)  
}
```

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(35, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0053, 49.6717, -120.4663 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(35, 0, 179) }
```

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

```
.border{ border-color:rgb(35, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(35, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(35, 0, 179)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 19.0053, 49.6717, -120.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 0, 179) }
```

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

```
.background{ background-color: rgb(35, 0,  
179) }
```

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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