

Converting Colors

HunterLab(19.7788, 50.7492,
-118.0501)

Have a look what the booklet for
HunterLab(19.7788, 50.7492,
-118.0501) contains.

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Color

**HunterLab(19.7915, 50.7498,
-117.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	2E00B5
RGB	46, 0, 181
RGB Percent	18%, 0%, 71%
CMY	0.8196, 1.0000, 0.2902
CMYK	0.75, 1.00, 0.00, 0.29
HSL	255°, 100%, 35%
HSV	255°, 100%, 71%
XYZ	9.4672, 3.9170, 43.9731
YIQ	34.3880, -30.6850, 66.0430

Conversions

Conversions Part 2

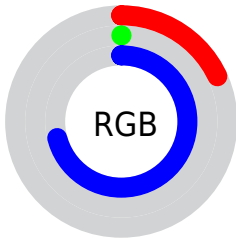
Format	Color
R _Y B	46, 0, 181
Decimal	3014837
CIE Lab	23.40, 61.97, -79.91
CIE LCh	23, 101.121, 307.792
Yxy	3.9173, 0.1651, 0.0683
Android (android.graphics.Color)	4281204917 (0xFF2E00B5)
YUV	34.3880, 72.2797, 10.1837
Hunter-Lab	19.7915, 50.7498, -117.8776

Details

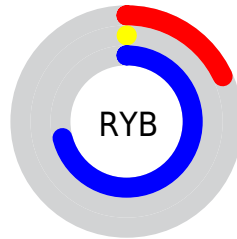
The HunterLab color **19.7915, 50.7498, -117.8776** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **61.8045, -31.5815, 37.5308**, and the grayscale version is **12.5570, -0.6700, 0.6822**.

A 20% lighter version of the original color is **36.6621, 54.7012, -107.2652**, and **12.2734, 33.2915, -87.2075** is the 20% darker color. If you saturate the color by 10%, you get **19.7921, 50.7503, -117.8737**, and if you desaturate by 10%, it is **21.7198, 47.3982, -105.1216**.

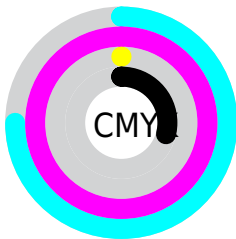
Distribution



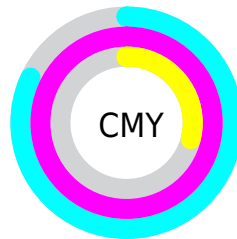
- Red (18%)
- Green (0%)
- Blue (71%)



- Red (18%)
- Yellow (0%)
- Blue (71%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7915, 50.7498, -117.8776 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 19.7915, 50.7498, -117.8776 by changing the saturation by 10% instead.

■ 19.7915, 50.7498,
-117.8776

■ 19.7915, 50.7498,
-117.8776

■ 117.8134, 68.0060,
-108.0814

■ 12.7569, 49.1345,
-131.9525

■ 36.6395, 54.9874,
-107.8209

■ 6.1316, 57.5533,
-187.3772

■ 46.2717, 57.1236,
-106.2030

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.6254, 59.1821,
-105.5775

0.0000, NaN, -NF

■ 67.6535, 61.1449,
-105.5518

0.0000, NaN, -NF

■ 79.3171, 63.0071,
-105.9021

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5831, 64.7690,

-106.4928

0.0000, NaN, NaN

104.4234, 66.4340,
-107.2381

19.7915, 50.7498,
-117.8776

19.7915, 50.7498,
-117.8776

19.7921, 50.7503,
-117.8737

21.7198, 47.3982,
-105.1216

24.5497, 42.2953,
-89.7112

28.2934, 36.0245,
-73.5444

32.7605, 29.5205,
-58.4140

37.7856, 23.2265,
-44.9059

■ 43.2443, 17.2768,
-32.9876

■ 49.0478, 11.6685,
-22.4177

■ 55.1328, 6.3523,
-12.9288

■ 61.4535, 1.2710,
-4.2875

Harmonies

Analogous

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



19.7921, 7.7507, -179.8547



19.7915, 50.7498, -117.8776



19.7921, 90.7275, -34.9038

Triad

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



19.7921, 50.7503, -117.8737



19.7921, 27.1023, 13.8545



19.7921, -34.4913, -8.3266

Complementary

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



19.7915, 50.7498, -117.8776



61.8045, -31.5815, 37.5308

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.



19.7921, -33.0454, 13.4109



19.7915, 50.7498, -117.8776



19.7921, -8.5516, 13.8545

Square

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



19.7921, 50.7503, -117.8737



19.7921, 72.1547, 13.8545



19.7921, -26.0350, 13.8545



19.7921, -30.0269, -75.4966

Rectangle

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



19.7915, 50.7498, -117.8776



19.7921, 101.6311, -1.2493



19.7921, -26.0350, 13.8545



19.7921, -34.6362, 3.1518

Sweetspot

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



19.7921, 50.7503, -117.8737



65.2406, 15.9818, -30.6727



45.6883, -13.1093, -28.8073



28.8142, 8.8565, -16.9101



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.



19.7921, 50.7503, -117.8737



26.3142, 67.7698, -159.0088



29.2396, 61.4833, -69.5509



28.8636, 0.4330, -1.7342



16.5201, 42.2126, -97.2418



3.3792, 7.9284, -14.4160

Inverse Universe

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



34.0188, 63.3994, -17.8710



45.4840, 84.6945, -23.3351



57.9754, -47.2156, 34.8976



29.3412, 1.9202, -0.0987



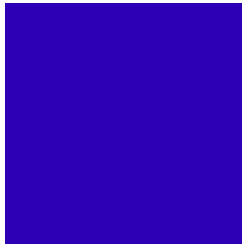
28.2660, 52.7131, -15.1199



5.1006, 9.6580, -3.8588

Previews

White Background



This preview shows how the HunterLab color 19.7915, 50.7498, -117.8776 looks on a white background.

Color Contrast Check

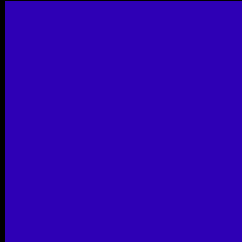
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7915, 50.7498, -117.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

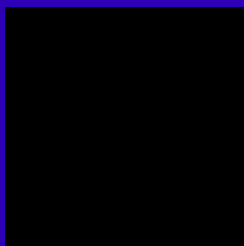
Any Text WCAG AA × Fail

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 19.7915, 50.7498, -117.8776 Background



This preview shows how black text looks on a background with the HunterLab color 19.7915, 50.7498, -117.8776.



This preview shows how white text looks on a background with the HunterLab color 19.7915, 50.7498, -117.8776.

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

19.7915, 50.7498, -117.8776

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.3760, -1.3517, -22.5503



Tritanopia

20.4889, -10.2972, -3.3806

Trichromacy



Original Color

19.7915, 50.7498, -117.8776

Protanomaly

18.1769, 23.8682, -70.5773

Deuteranomaly

17.5795, 18.8552, -58.8844

Tritanomaly

16.7606, 10.9730, -40.6601

Monochromacy



Original Color

19.7915, 50.7498, -117.8776

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.9383, 16.0775, -33.0656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7915, 50.7498, -117.8776 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(46, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(46, 0, 181)  
}
```

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(46, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7915, 50.7498, -117.8776 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(46, 0, 181) }
```


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

```
.border{ border-color:rgb(46, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(46, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(46, 0, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7915, 50.7498, -117.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 181) }
```

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

```
.background{ background-color: rgb(46, 0,  
181) }
```

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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