

Converting Colors

HunterLab(49.8723, 59.5413,
-80.6997)

Have a look what the booklet for
HunterLab(49.8723, 59.5413,
-80.6997) contains.

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Color

**HunterLab(49.8723, 59.5413,
-80.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	B55DFF
RGB	181, 93, 255
RGB Percent	71%, 36%, 100%
CMY	0.2902, 0.6353, 0.0000
CMYK	0.29, 0.64, 0.00, 0.00
HSL	273°, 100%, 68%
HSV	273°, 64%, 100%
XYZ	41.0204, 24.8725, 97.2466
YIQ	137.7800, 0.4460, 69.0380

Conversions

Conversions Part 2

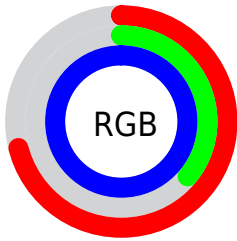
Format	Color
R _Y B	181, 93, 255
Decimal	11886079
CIE Lab	56.95, 63.41, -66.83
CIE LCh	57, 92.122, 313.497
Yxy	24.8733, 0.2514, 0.1525
Android (android.graphics.Color)	4290076159 (0xFFB55DFF)
YUV	137.7800, 57.7895, 37.9039
Hunter-Lab	49.8723, 59.5413, -80.6997

Details

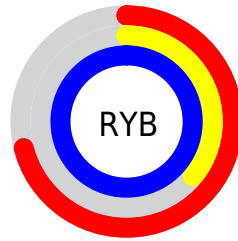
The HunterLab color $49.8723, 59.5413, -80.6997$ is a light color, and the websafe version is hex $CC66FF$. The color can be described as light muted purple. A complement of this color would be $89.7362, -50.2756, 47.5721$, and the grayscale version is $50.1043, -2.6734, 2.7223$.

A 20% lighter version of the original color is $68.6299, 48.7371, -38.5899$, and $30.8284, 55.3519, -81.6257$ is the 20% darker color. If you saturate the color by 10%, you get $44.4620, 68.8299, -97.5568$, and if you desaturate by 10%, it is $56.2025, 49.3025, -64.3101$.

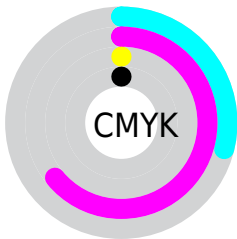
Distribution



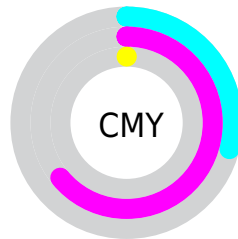
- Red (71%)
- Green (36%)
- Blue (100%)



- Red (71%)
- Yellow (36%)
- Blue (100%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8723, 59.5413, -80.6997 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 49.8723, 59.5413, -80.6997 by changing the saturation by 10% instead.

49.8723, 59.5413,
-80.6997

49.8723, 59.5413,
-80.6997

166.4952, 74.7257,
-87.3242

39.9784, 57.3931,
-80.8698

71.7298, 63.5766,
-81.5343

30.8414, 55.2015,
-81.8535

83.6111, 65.4467,
-82.2438

22.5312, 53.0626,
-84.3722

96.0844, 67.2181,
-83.0436

15.1402, 51.2385,
-90.1402

109.1228, 68.8939,
-83.8912

8.7727, 50.8399,
-104.6547

122.7028, 70.4782,
-84.7588

0.0000, INF, -NF

0.0000, NaN, -NF

136.8036, 71.9755,

-85.6279

0.0000, NaN, -NF

151.4066, 73.3899,
-86.4859

■ 49.8723, 59.5413,
-80.6997

■ 49.8723, 59.5413,
-80.6997

■ 44.4620, 68.8299,
-97.5568

■ 56.2025, 49.3025,
-64.3101

■ 40.1443, 76.1304,
-113.6589

■ 63.2827, 38.7724,
-48.9654

■ 37.0434, 80.2524,
-127.1940

■ 70.9748, 28.2895,
-34.8027

■ 35.5920, 81.2372,
-134.2461

■ 79.1702, 17.9965,
-21.7517

■ 87.7859, 7.9327,
-9.6653

96.7585, -1.9104,
1.6166

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.8732, 15.9073, -126.6964



49.8723, 59.5413, -80.6997



49.8732, 90.5445, -21.8517

Triad

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



49.8732, 59.5409, -80.6972



49.8732, 20.2680, 34.0913



49.8732, -56.3331, -16.7800

Complementary

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



49.8723, 59.5413, -80.6997



89.7362, -50.2756, 47.5721

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.



49.8732, -55.8139, 18.9194



49.8723, 59.5413, -80.6997



49.8732, -18.8611, 34.1952

Square

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



49.8732, 59.5409, -80.6972



49.8732, 63.5598, 30.9857



49.8732, -44.2237, 31.5961



49.8732, -45.9579, -74.6531

Rectangle

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



49.8723, 59.5413, -80.6997



49.8732, 95.3869, 6.8401



49.8732, -44.2237, 31.5961



49.8732, -57.3023, -1.7963

Sweetspot

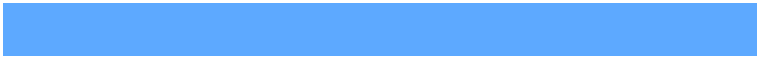
The Sweet Spot groups the original color and five complimentary colors.



49.8732, 59.5409, -80.6972



83.0238, 13.4107, -16.1688



61.4615, -1.0341, -53.4110



37.2800, 7.5419, -9.1017

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8732, 59.5409, -80.6972



43.2868, 70.8665, -101.6706



59.9719, 80.6193, -50.7237



42.2657, 1.8260, -2.3306



25.9021, 58.9225, -96.1638



8.4748, 18.8475, -28.1218

Inverse Universe

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



56.4616, 65.9966, -2.4435



51.7803, 76.2394, 0.3362



86.4504, -63.5395, 44.1645



42.5736, 2.4517, 1.2751



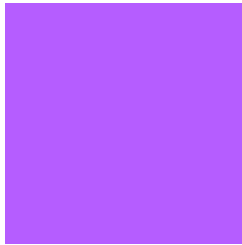
34.3552, 60.8543, 6.5408



10.8209, 19.3564, 0.5951

Previews

White Background



This preview shows how the HunterLab color 49.8723, 59.5413, -80.6997 looks on a white background.

Color Contrast Check

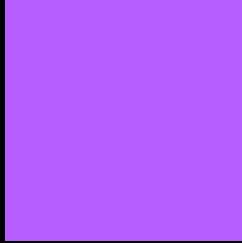
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.8723, 59.5413, -80.6997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

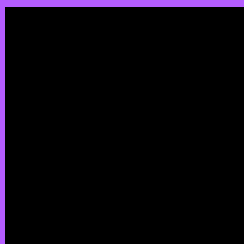
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.8723, 59.5413, -80.6997 Background



This preview shows how black text looks on a background with the HunterLab color 49.8723, 59.5413, -80.6997.



This preview shows how white text looks on a background with the HunterLab color 49.8723, 59.5413, -80.6997.

-80.6997.

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

49.8723, 59.5413, -80.6997

Protanopia

50.2963, 14.7715, -80.2741

Deuteranopia

50.2777, 4.9477, -71.7499



Tritanopia

49.7463, 9.1218, 2.1554

Trichromacy



Original Color

49.8723, 59.5413, -80.6997



Protanomaly

48.4684, 29.1959, -85.3538



Deuteranomaly

47.3507, 19.9857, -82.6934



Tritanomaly

48.9106, 26.1533, -22.3967

Monochromacy



Original Color

49.8723, 59.5413, -80.6997



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

49.1175, 18.0770, -22.1875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8723, 59.5413, -80.6997 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(181, 93, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 93, 255)  
}
```

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(181, 93, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 93, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8723, 59.5413, -80.6997 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(181, 93, 255) }
```


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

```
.border{ border-color:rgb(181, 93, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 93, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 93, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 93, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 93,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8723, 59.5413, -80.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 93, 255) }
```

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

```
.background{ background-color: rgb(181, 93,  
255) }
```

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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