

Converting Colors

HunterLab(51.1354, 60.5260,
-87.1088)

Have a look what the booklet for
HunterLab(51.1354, 60.5260,
-87.1088) contains.

HunterLab(50.4078, 57.9952, -79.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.4078, 57.9952,
-79.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	B560FF
RGB	181, 96, 255
RGB Percent	71%, 38%, 100%
CMY	0.2902, 0.6235, 0.0000
CMYK	0.29, 0.62, 0.00, 0.00
HSL	272°, 100%, 69%
HSV	272°, 62%, 100%
XYZ	41.2889, 25.4095, 97.3360
YIQ	139.5410, -0.3790, 67.4690

Conversions

Conversions Part 2

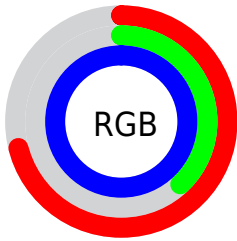
Format	Color
R _Y B	181, 96, 255
Decimal	11886847
CIE Lab	57.47, 61.99, -65.99
CIE LCh	57, 90.534, 313.209
Yxy	25.4104, 0.2517, 0.1549
Android (android.graphics.Color)	4290076927 (0xFFB560FF)
YUV	139.5410, 56.9213, 36.3595
Hunter-Lab	50.4078, 57.9952, -79.2018

Details

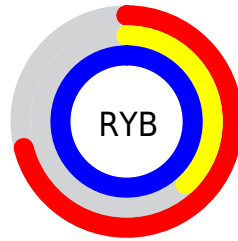
The HunterLab color $50.4078, 57.9952, -79.2018$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $89.9503, -49.3631, 47.2681$, and the grayscale version is $50.8087, -2.7110, 2.7605$.

A 20% lighter version of the original color is $69.3210, 47.0718, -37.3783$, and $31.3497, 53.5449, -79.6469$ is the 20% darker color. If you saturate the color by 10%, you get $44.8481, 67.4387, -96.2574$, and if you desaturate by 10%, it is $56.8663, 47.7258, -62.7639$.

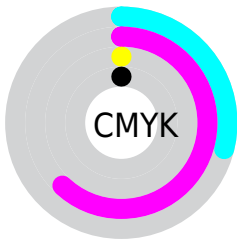
Distribution



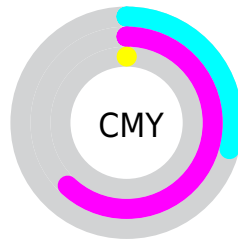
- Red (71%)
- Green (38%)
- Blue (100%)



- Red (71%)
- Yellow (38%)
- Blue (100%)



- Cyan (29%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4078, 57.9952, -79.2018 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 50.4078, 57.9952, -79.2018 by changing the saturation by 10% instead.

50.4078, 57.9952,
-79.2018

50.4078, 57.9952,
-79.2018

167.2948, 72.7522,
-85.8935

40.4760, 55.8863,
-79.2919

72.3341, 61.9385,
-80.1128

31.2980, 53.7229,
-80.1393

84.2469, 63.7601,
-80.8377

22.9427, 51.5889,
-82.4122

96.7503, 65.4826,
-81.6441

15.5009, 49.7143,
-87.6847

109.8175, 67.1097,
-82.4922

9.0957, 48.8998,
-100.6725

123.4251, 68.6457,
-83.3560

0.0000, INF, -NF

0.0000, NaN, -NF

137.5526, 70.0953,

-84.2180

0.0000, NaN, -NF

152.1813, 71.4627,
-85.0665

■ 50.4078, 57.9952,
-79.2018

■ 50.4078, 57.9952,
-79.2018

■ 44.8481, 67.4387,
-96.2574

■ 56.8663, 47.7258,
-62.7639

■ 40.3634, 75.0595,
-112.7838

■ 64.0548, 37.2389,
-47.4480

■ 37.0933, 79.6412,
-126.9701

■ 71.8388, 26.8362,
-33.3451

■ 35.3291, 80.9379,
-135.5862

■ 80.1130, 16.6386,
-20.3608

■ 88.7971, 6.6739,
-8.3365

97.8301, -3.0722,
2.8916

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.



50.4087, 15.1862, -123.4037



50.4078, 57.9952, -79.2018



50.4087, 88.4972, -21.8594

Triad

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



50.4087, 57.9948, -79.1994



50.4087, 20.2937, 34.2650



50.4087, -56.0685, -15.9448

Complementary

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



50.4078, 57.9952, -79.2018



89.9503, -49.3631, 47.2681

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.



50.4087, -55.4465, 19.0246



50.4078, 57.9952, -79.2018



50.4087, -18.3813, 34.3854

Square

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



50.4087, 57.9948, -79.1994



50.4087, 62.6787, 30.9519



50.4087, -43.7220, 31.7074



50.4087, -45.7861, -72.2135

Rectangle

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



50.4078, 57.9952, -79.2018



50.4087, 93.4288, 6.4955



50.4087, -43.7220, 31.7074



50.4087, -57.0100, -1.3203

Sweetspot

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



50.4087, 57.9948, -79.1994



82.9816, 13.2727, -16.2317



62.0741, -1.4084, -52.1394



37.2573, 7.4687, -9.1366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4087, 57.9948, -79.1994



43.5487, 69.6836, -100.7505



60.4231, 79.2832, -49.8842



42.2562, 1.7940, -2.3434



25.7131, 58.7059, -97.1158



8.4189, 18.7806, -28.3807

Inverse Universe

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



57.0337, 65.0610, -3.2514



52.1445, 75.7605, -0.6895



86.5751, -62.9566, 43.7600



42.5767, 2.4686, 1.2302



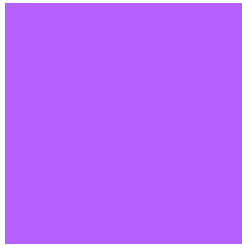
34.3950, 60.9998, 5.9675



10.8337, 19.4026, 0.4138

Previews

White Background



This preview shows how the HunterLab color 50.4078, 57.9952, -79.2018 looks on a white background.

Color Contrast Check

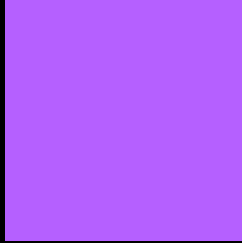
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4078, 57.9952, -79.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

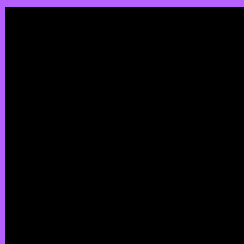
Any Text WCAG AA ✓ Pass

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 50.4078, 57.9952, -79.2018 Background



This preview shows how black text looks on a background with the HunterLab color 50.4078, 57.9952, -79.2018.



This preview shows how white text looks on a background with the HunterLab color 50.4078, 57.9952, -79.2018.

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

50.4078, 57.9952, -79.2018

Protanopia

50.7208, 14.7018, -79.0801

Deuteranopia

50.7445, 5.0202, -70.5151



Tritanopia

50.3312, 8.4332, 1.9343

Trichromacy



Original Color

50.4078, 57.9952, -79.2018



Protanomaly

49.1565, 28.6385, -83.3194



Deuteranomaly

48.2505, 20.0229, -80.0455



Tritanomaly

49.6579, 24.7840, -21.8074

Monochromacy



Original Color

50.4078, 57.9952, -79.2018



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

49.7607, 17.5519, -21.7615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4078, 57.9952, -79.2018 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, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 96, 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, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 96, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4078, 57.9952, -79.2018 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, 96, 255) }
```


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

```
.border{ border-color:rgb(181, 96, 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, 96, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 96,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4078, 57.9952, -79.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 96, 255) }
```

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

```
.background{ background-color: rgb(181, 96,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor