

Converting Colors

HunterLab(47.9827, 51.2268,
-68.6810)

Have a look what the booklet for
HunterLab(47.9827, 51.2268,
-68.6810) contains.

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Color

**HunterLab(48.0307, 51.1907,
-68.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5FED
RGB	172, 95, 237
RGB Percent	67%, 37%, 93%
CMY	0.3255, 0.6274, 0.0706
CMYK	0.27, 0.60, 0.00, 0.07
HSL	273°, 80%, 65%
HSV	273°, 60%, 93%
XYZ	36.3915, 23.0695, 82.6556
YIQ	134.2110, 0.3100, 60.4860

Conversions

Conversions Part 2

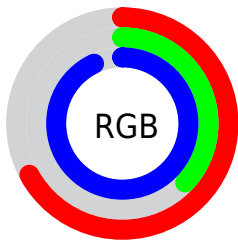
Format	Color
R _Y B	172, 95, 237
Decimal	11296749
CIE Lab	55.14, 56.42, -59.78
CIE LCh	55, 82.199, 313.340
Yxy	23.0703, 0.2561, 0.1623
Android (android.graphics.Color)	4289486829 (0xFFAC5FED)
YUV	134.2110, 50.6750, 33.1410
Hunter-Lab	48.0307, 51.1907, -68.4101

Details

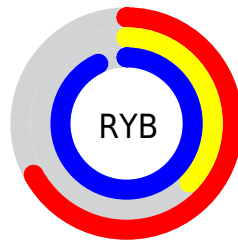
The HunterLab color **48.0307, 51.1907, -68.4101** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **82.9871, -44.4619, 42.6225**, and the grayscale version is **48.7162, -2.5994, 2.6468**.

A 20% lighter version of the original color is **67.6046, 44.7402, -40.5312**, and **29.3190, 46.9334, -68.4323** is the 20% darker color. If you saturate the color by 10%, you get **42.7231, 60.1350, -83.8114**, and if you desaturate by 10%, it is **54.1170, 41.6538, -53.7040**.

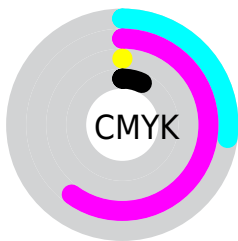
Distribution



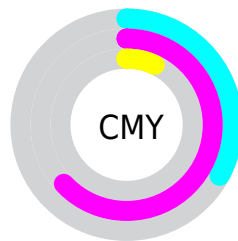
- Red (67%)
- Green (37%)
- Blue (93%)



- Red (67%)
- Yellow (37%)
- Blue (93%)



- Cyan (27%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (63%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0307, 51.1907, -68.4101 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 48.0307, 51.1907, -68.4101 by changing the saturation by 10% instead.

48.0307, 51.1907,
-68.4101

48.0307, 51.1907,
-68.4101

163.7334, 64.5879,
-75.0545

38.2694, 49.2117,
-68.2869

69.6483, 54.8449,
-69.5215

29.2762, 47.1596,
-68.7963

81.4194, 56.5147,
-70.2745

21.1244, 45.1072,
-70.5454

93.7878, 58.0835,
-71.0780

13.9120, 43.2706,
-75.0289

106.7259, 59.5562,
-71.8999

7.5469, 44.5723,
-90.0281

120.2096, 60.9381,
-72.7196

0.0000, INF, -NF

0.0000, NaN, -NF

134.2178, 62.2342,

-73.5240

0.0000, NaN, -NF

148.7313, 63.4493,
-74.3042

0.0000, NaN, NaN

■ 48.0307, 51.1907,
-68.4101

■ 48.0307, 51.1907,
-68.4101

■ 42.7231, 60.1350,
-83.8114

■ 54.1170, 41.6538,
-53.7040

■ 38.3525, 67.6735,
-99.0439

■ 60.8360, 31.9990,
-40.0381

■ 35.0602, 72.7218,
-112.6152

■ 68.0729, 22.4532,
-27.4444

■ 32.7955, 74.7725,
-123.3312

■ 75.7385, 13.1024,
-15.8218

■ 32.7778, 74.7867,
-123.4202

■ 83.7644, 3.9615,
-5.0267

■ 92.0983, -4.9860,
5.0838

■ 98.7827, -10.7156,
12.5926

■ 99.4457, -8.3810,
13.3626

Harmonies

Analogous

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



48.0316, 13.5083, -106.1848



48.0307, 51.1907, -68.4101



48.0316, 77.7145, -18.9103

Triad

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



48.0316, 51.1903, -68.4082



48.0316, 17.7022, 32.1993



48.0316, -51.1427, -14.1066

Complementary

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



48.0307, 51.1907, -68.4101



82.9871, -44.4619, 42.6225

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.



48.0316, -50.6028, 17.2724



48.0307, 51.1907, -68.4101



48.0316, -16.7690, 32.3158

Square

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



48.0316, 51.1903, -68.4082



48.0316, 54.9888, 28.7373



48.0316, -39.7734, 29.4451



48.0316, -41.5373, -62.8618

Rectangle

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



48.0307, 51.1907, -68.4101



48.0316, 81.9196, 6.1062



48.0316, -39.7734, 29.4451



48.0316, -52.0396, -1.1608

Sweetspot

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



48.0316, 51.1903, -68.4082



83.8813, 12.3898, -14.9676



58.4218, -2.0298, -45.3481



37.6516, 7.0887, -8.5628

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0316, 51.1903, -68.4082



45.2006, 67.4668, -95.0643



56.5959, 70.0753, -44.0859



38.6669, 1.6321, -2.0929



24.3819, 55.4458, -90.3760



7.2381, 16.0169, -23.3959

Inverse Universe

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



53.5981, 57.2771, -2.7600



53.1026, 73.3670, -0.8344



79.9479, -56.6482, 39.3802



38.9471, 2.2041, 1.1702



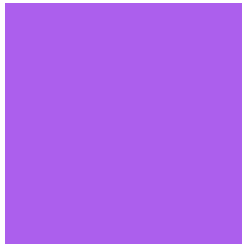
32.3301, 57.2920, 5.9639



9.1650, 16.4384, 0.1626

Previews

White Background



This preview shows how the HunterLab color 48.0307, 51.1907, -68.4101 looks on a white background.

Color Contrast Check

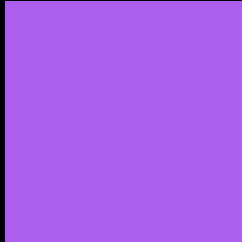
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0307, 51.1907, -68.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

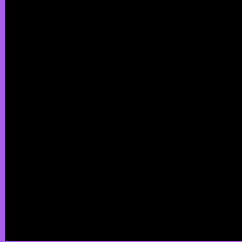
Any Text WCAG AA ✓ Pass

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 48.0307, 51.1907, -68.4101 Background



This preview shows how black text looks on a background with the HunterLab color 48.0307, 51.1907, -68.4101.



This preview shows how white text looks on a background with the HunterLab color 48.0307, 51.1907, -68.4101.

-68.4101.

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

48.0307, 51.1907, -68.4101

Protanopia

48.5059, 16.1538, -85.4696

Deuteranopia

48.4681, 4.2658, -60.7395



Tritanopia

47.9652, 8.4913, 1.8251

Trichromacy



Original Color

48.0307, 51.1907, -68.4101



Protanomaly

46.8196, 26.0903, -83.1539



Deuteranomaly

46.6910, 18.4982, -67.8497



Tritanomaly

47.2521, 22.9073, -18.8259

Monochromacy



Original Color

48.0307, 51.1907, -68.4101



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

47.6121, 15.2034, -18.3734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0307, 51.1907, -68.4101 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(172, 95, 237)` looks like.

```
.text, #text, p{  
    color:rgb(172, 95, 237)  
}
```

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(172, 95, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 95, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0307, 51.1907, -68.4101 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(172, 95, 237) }
```


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

```
.border{ border-color:rgb(172, 95, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 95, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 95, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 95, 237);  
box-shadow:4px 4px 4px 4px rgb(172, 95,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0307, 51.1907, -68.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 95, 237) }
```

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

```
.background{ background-color: rgb(172, 95,  
237) }
```

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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