

Converting Colors

HunterLab(46.0860, 50.9584,
-70.9000)

Have a look what the booklet for
HunterLab(46.0860, 50.9584,
-70.9000) contains.

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Color

**HunterLab(46.1001, 51.0681,
-70.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	A55AEA
RGB	165, 90, 234
RGB Percent	65%, 35%, 92%
CMY	0.3529, 0.6470, 0.0824
CMYK	0.29, 0.62, 0.00, 0.08
HSL	271°, 77%, 64%
HSV	271°, 62%, 92%
XYZ	34.0245, 21.2522, 80.1507
YIQ	128.8410, -1.5240, 60.6840

Conversions

Conversions Part 2

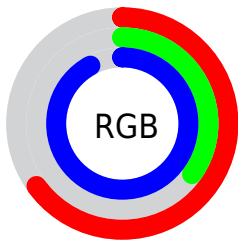
Format	Color
RYB	165, 90, 234
Decimal	10836714
CIELab	53.23, 56.64, -61.23
CIELCh	53, 83.410, 312.770
Yxy	21.2530, 0.2512, 0.1569
Android (android.graphics.Color)	4289026794 (0xFFA55AEA)
YUV	128.8410, 51.8434, 31.7114
Hunter-Lab	46.1001, 51.0681, -70.8129

Details

The HunterLab color $46.1001, 51.0681, -70.8129$ is a light color, and the websafe version is hex $9966FF$. The color can be described as light muted purple. A complement of this color would be $81.8261, -43.7942, 42.6449$, and the grayscale version is $46.5953, -2.4862, 2.5316$.

A 20% lighter version of the original color is $65.5849, 45.1614, -44.3234$, and $27.6120, 47.0383, -71.4772$ is the 20% darker color. If you saturate the color by 10%, you get $40.9357, 59.7081, -86.4749$, and if you desaturate by 10%, it is $52.0539, 41.8012, -55.8562$.

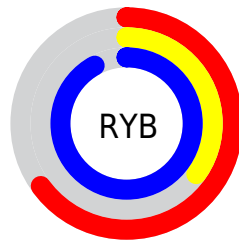
Distribution



Red (65%)

Green (35%)

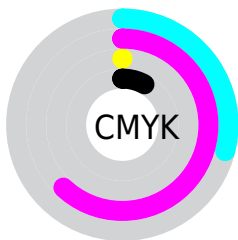
Blue (92%)



Red (65%)

Yellow (35%)

Blue (92%)

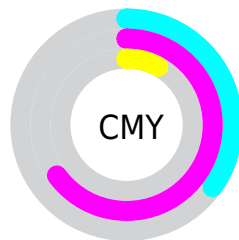


Cyan (29%)

Magenta (62%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (65%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1001, 51.0681, -70.8129 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 46.1001, 51.0681, -70.8129 by changing the saturation by 10% instead.

46.1001, 51.0681,
-70.8129

46.1001, 51.0681,
-70.8129

160.8166, 64.6892,
-77.3589

36.4816, 49.0662,
-70.8634

67.4597, 54.7765,
-71.7731

27.6436, 47.0011,
-71.6871

79.1127, 56.4734,
-72.5004

19.6635, 44.9636,
-74.0459

91.3687, 58.0686,
-73.2961

12.6459, 43.2273,
-79.8865

104.1994, 59.5666,
-74.1225

5.9754, 51.2155,
-109.3413

117.5802, 60.9727,
-74.9552

0.0000, INF, -NF

0.0000, NaN, -NF

131.4892, 62.2920,

-75.7786

0.0000, NaN, -NF

145.9071, 63.5293,
-76.5821

0.0000, NaN, NaN

■ 46.1001, 51.0681,
-70.8129

■ 46.1001, 51.0681,
-70.8129

■ 40.9357, 59.7081,
-86.4749

■ 52.0539, 41.8012,
-55.8562

■ 36.7222, 66.8693,
-101.8821

■ 58.6469, 32.4059,
-41.9906

■ 33.5984, 71.4449,
-115.4118

■ 65.7612, 23.1200,
-29.2557

■ 31.7321, 73.0625,
-124.6128

■ 73.3053, 14.0324,
-17.5436

■ 81.2095, 5.1579,
-6.7005

89.4208, -3.5211,
3.4261

97.8984, -12.0337,
12.9703

99.3297, -8.9634,
14.5854

99.3582, -8.8632,
14.6181

Harmonies

Analogous

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



46.1009, 12.9500, -109.2403



46.1001, 51.0681, -70.8129



46.1009, 78.4013, -20.0630

Triad

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



46.1009, 51.0678, -70.8111



46.1009, 18.6200, 31.1826



46.1009, -50.5770, -13.5222

Complementary

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



46.1001, 51.0681, -70.8129



81.8261, -43.7942, 42.6449

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.



46.1009, -49.8725, 17.4298



46.1001, 51.0681, -70.8129



46.1009, -16.0830, 31.3337

Square

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



46.1009, 51.0678, -70.8111



46.1009, 56.2445, 27.9532



46.1009, -39.0829, 28.8335



46.1009, -41.4077, -63.1482

Rectangle

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



46.1001, 51.0681, -70.8129



46.1009, 83.0481, 5.4238



46.1009, -39.0829, 28.8335



46.1009, -51.3874, -0.6087

Sweetspot

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



46.1009, 51.0678, -70.8111



83.7823, 12.0653, -15.1133



57.5482, -2.7877, -44.7861



37.5978, 6.9146, -8.6445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1009, 51.0678, -70.8111



43.7108, 68.2570, -100.1981



55.3252, 71.2656, -46.1578



38.6456, 1.5601, -2.1215



23.9453, 54.9478, -92.5932



7.1238, 15.8792, -23.9203

Inverse Universe

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



52.2575, 58.3184, -3.9931



52.5511, 75.3817, -2.1442



78.6127, -56.7626, 39.7408



38.9542, 2.2422, 1.0689



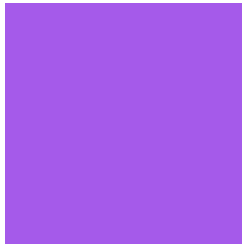
32.4251, 57.6385, 4.5992



9.1921, 16.5365, -0.2217

Previews

White Background



This preview shows how the HunterLab color 46.1001, 51.0681, -70.8129 looks on a white background.

Color Contrast Check

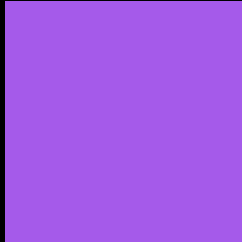
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1001, 51.0681, -70.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

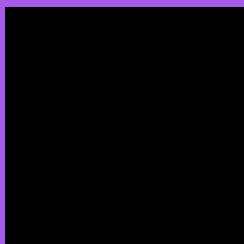
Any Text WCAG AA ✓ Pass

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 46.1001, 51.0681, -70.8129 Background



This preview shows how black text looks on a background with the HunterLab color 46.1001, 51.0681, -70.8129.



This preview shows how white text looks on a background with the HunterLab color 46.1001, 51.0681, -70.8129.

-70.8129.

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

46.1001, 51.0681, -70.8129

Protanopia

46.6296, 17.2613, -91.2594

Deuteranopia

46.4207, 4.4011, -63.2175



Tritanopia

45.9662, 7.0612, 1.6588

Trichromacy



Original Color

46.1001, 51.0681, -70.8129



Protanomaly

44.5849, 25.8803, -89.0926



Deuteranomaly

44.3987, 17.7996, -71.3216



Tritanomaly

45.2765, 21.6161, -19.5971

Monochromacy



Original Color

46.1001, 51.0681, -70.8129



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.6095, 15.1331, -19.1558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1001, 51.0681, -70.8129 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(165, 90, 234)` looks like.

```
.text, #text, p{  
    color:rgb(165, 90, 234)  
}
```

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(165, 90, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1001, 51.0681, -70.8129 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(165, 90, 234) }
```


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

```
.border{ border-color:rgb(165, 90, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 234);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1001, 51.0681, -70.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 234) }
```

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

```
.background{ background-color: rgb(165, 90,  
234) }
```

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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