

Converting Colors

HunterLab(86.1199, -45.6020,
52.2683)

Have a look what the booklet for
HunterLab(86.1199, -45.6020,
52.2683) contains.

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Color

**HunterLab(86.1199,
-45.6020, 52.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F400
RGB	178, 244, 0
RGB Percent	70%, 96%, 0%
CMY	0.3020, 0.0431, 0.9999
CMYK	0.27, 0.00, 1.00, 0.04
HSL	76°, 100%, 48%
HSV	76°, 100%, 96%
XYZ	50.7108, 74.1664, 11.6429
YIQ	196.4500, 38.9880, -89.8760

Conversions

Conversions Part 2

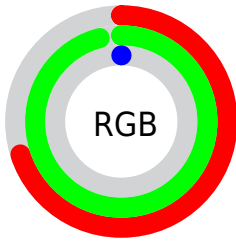
Format	Color
RYB	0, 244, 66
Decimal	11727872
CIELab	89.00, -47.06, 86.11
CIELCh	89, 98.128, 118.659
Yxy	74.1697, 0.3714, 0.5433
Android (android.graphics.Color)	4289917952 (0xFFB2F400)
YUV	196.4500, -96.8498, -16.1806
Hunter-Lab	86.1199, -45.6020, 52.2683

Details

The HunterLab color **86.1199, -45.6020, 52.2683** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **27.7356, 71.0406, -164.6357**, and the grayscale version is **74.8782, -3.9953, 4.0683**.

A 20% lighter version of the original color is **95.2068, -29.2062, 51.8492**, and **62.7632, -38.0481, 38.0083** is the 20% darker color. If you saturate the color by 10%, you get **86.1211, -45.6073, 52.2690**, and if you desaturate by 10%, it is **86.6240, -43.5465, 52.0070**.

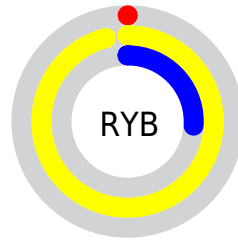
Distribution



Red (70%)

Green (96%)

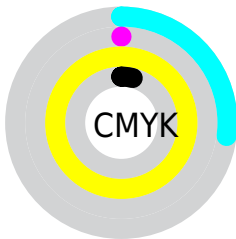
Blue (0%)



Red (0%)

Yellow (96%)

Blue (26%)

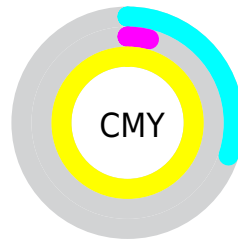


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (30%)


Magenta (4%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.1199, -45.6020, 52.2683 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 86.1199, -45.6020, 52.2683 by changing the saturation by 10% instead.


 86.1199, -45.6020,
52.2683


 86.1199, -45.6020,
52.2683


217.9584,
-70.3425, 94.6486


 74.1167, -42.5217,
46.7760


 111.8643,
-51.4887, 62.6693

 62.7280, -39.3179,
41.0679


 125.5528,
-54.3209, 67.6132

 51.9909, -35.9631,
35.1416


 139.7580,
-57.0948, 72.4093

 41.9478, -32.4161,
29.3635

 154.4620,
-59.8189, 77.0727

 32.6504, -28.6172,
22.8553

 169.6482,
-62.5004, 81.6171

 24.1640, -24.4759,
16.9148

 185.3019,

 16.5754, -19.8461,

-65.1449, 86.0543

11.6028

201.4094,
-67.7576, 90.3951

■ 10.0067, -17.5117,
7.0047

0.0000, NaN, NaN

■ 86.1199, -45.6020,
52.2683

■ 86.1199, -45.6020,
52.2683

■ 86.1211, -45.6073,
52.2690

■ 86.6240, -43.5465,
52.0070

■ 87.1939, -41.1415,
51.0445

■ 87.8454, -38.3129,
49.1767

■ 88.5859, -35.0258,
46.2986

■ 89.4208, -31.2584,
42.3365

■ 90.3543, -26.9989,
37.2403

■ 91.3893, -22.2438,
30.9798

■ 92.5276, -16.9963,
23.5419

■ 93.7705, -11.2655,
14.9279

Harmonies

Analogous

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



86.1218, -2.3647, 54.9397



86.1199, -45.6020, 52.2683



86.1218, -71.6668, 39.6995

Triad

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



86.1218, -45.6042, 52.2687



86.1218, -48.6664, -113.7885



86.1218, 112.4926, 2.5454

Complementary

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



86.1199, -45.6020, 52.2683



27.7356, 71.0406, -164.6357

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.



86.1218, 92.5285, -56.8374



86.1199, -45.6020, 52.2683



86.1218, -6.8125, -143.5153

Square

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



86.1218, -45.6042, 52.2687



86.1218, -73.1341, -50.9186



86.1218, 45.8834, -118.3554



86.1218, 95.6656, 37.7518

Rectangle

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



86.1199, -45.6020, 52.2683



86.1218, -79.3764, 20.6382



86.1218, 45.8834, -118.3554



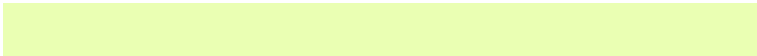
86.1218, 109.7932, -15.0523

Sweetspot

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



86.1218, -45.6042, 52.2687



96.0719, -23.4312, 32.6325



47.9852, 61.8688, 30.6500



44.2286, -11.8463, 16.4517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.1218, -45.6042, 52.2687



90.5319, -47.9933, 54.9451



80.9775, -66.6805, 48.7298



43.6749, -5.1052, 6.7348



63.5590, -33.4092, 38.5799



18.9762, -9.3799, 11.5288

Inverse Universe

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



27.7356, 71.0406, -164.6357



29.1288, 74.6697, -173.3122



41.3614, 86.6196, -95.6902



40.1791, 0.7764, -2.5905



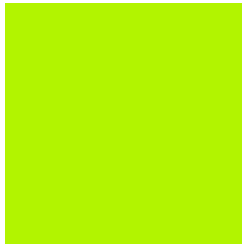
20.5887, 52.5083, -120.4113



6.4896, 15.9234, -33.0915

Previews

White Background



This preview shows how the HunterLab color 86.1199, -45.6020, 52.2683 looks on a white 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

Black Background



This preview shows how the HunterLab color 86.1199, -45.6020, 52.2683 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 ✓ Pass

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

HunterLab 86.1199, -45.6020, 52.2683 Background



This preview shows how black text looks on a background with the HunterLab color 86.1199, -45.6020, 52.2683.



This preview shows how white text looks on a background with the HunterLab color 86.1199,

-45.6020, 52.2683.

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

86.1199, -45.6020, 52.2683

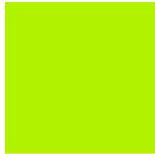
Deuteranopia

85.7082, 0.9733, 29.5049

Tritanopia

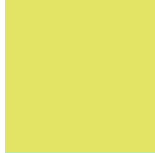
85.9932, -9.2586, -6.7345

Trichromacy



Original Color

86.1199, -45.6020, 52.2683



Deuteranomaly

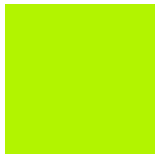
84.9873, -19.4620, 43.2585



Tritanomaly

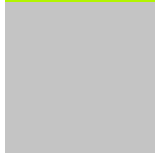
84.8620, -28.3362, 29.8208

Monochromacy



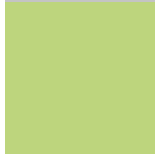
Original Color

86.1199, -45.6020, 52.2683



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.3873, -23.5998, 32.4078

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.1199, -45.6020, 52.2683 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(178, 244, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 244, 0)  
}
```

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(178, 244, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 244, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 86.1199, -45.6020, 52.2683 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(178, 244, 0) }
```

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

```
.border{ border-color:rgb(178, 244, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 244, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 244, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 244, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 244,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 86.1199, -45.6020, 52.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 244, 0) }
```

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

```
.background{ background-color: rgb(178,  
244, 0) }
```

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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