

Converting Colors

HunterLab(87.4815, -60.2899,
52.7974)

Have a look what the booklet for
HunterLab(87.4815, -60.2899,
52.7974) contains.

HunterLab(87.4718, -60.3291, 52.7851)	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(87.4718,
-60.3291, 52.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	85FF03
RGB	133, 255, 3
RGB Percent	52%, 100%, 1%
CMY	0.4784, 0.0000, 0.9881
CMYK	0.48, 0.00, 0.99, 0.00
HSL	89°, 100%, 51%
HSV	89°, 99%, 100%
XYZ	45.4493, 76.5132, 12.4593
YIQ	189.7940, 8.1800, -104.2360

Conversions

Conversions Part 2

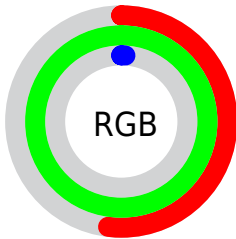
Format	Color
R _Y B	3, 255, 125
Decimal	8781571
CIE Lab	90.10, -66.32, 85.83
CIE LCh	90, 108.466, 127.696
Yxy	76.5132, 0.3381, 0.5692
Android (android.graphics.Color)	4286971651 (0xFF85FF03)
YUV	189.7940, -92.0894, -49.8083
Hunter-Lab	87.4718, -60.3291, 52.7851

Details

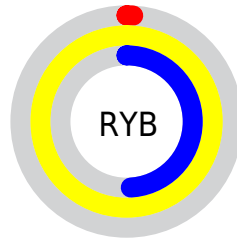
The HunterLab color **87.4718, -60.3291, 52.7851** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **34.1310, 79.1062, -141.9297**, and the grayscale version is **72.0468, -3.8442, 3.9144**.

A 20% lighter version of the original color is **91.6135, -42.8620, 48.8480**, and **64.0752, -50.4369, 38.5999** is the 20% darker color. If you saturate the color by 10%, you get **87.3999, -60.6325, 52.7939**, and if you desaturate by 10%, it is **88.1236, -57.5678, 52.5313**.

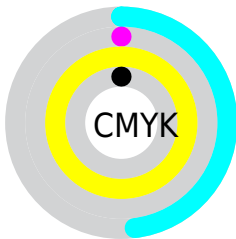
Distribution



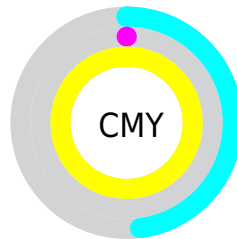
- Red (52%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (49%)



- Cyan (48%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4718, -60.3291, 52.7851 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 87.4718, -60.3291, 52.7851 by changing the saturation by 10% instead.

87.4718, -60.3291,
52.7851

87.4718, -60.3291,
52.7851

219.7959,
-92.8136, 94.9126

75.4012, -56.1633,
47.3302

113.3367,
-68.2049, 63.1145

63.9434, -51.8046,
41.6619

127.0826,
-71.9608, 68.0269

53.1331, -47.2091,
35.7742

141.3433,
-75.6181, 72.7935

43.0117, -42.3174,
30.0553

156.1008,
-79.1898, 77.4296

33.6297, -37.0458,
23.5408

171.3389,
-82.6869, 81.9485

25.0509, -31.2725,
17.5356

187.0429,

17.3589, -25.2819,

-86.1183, 86.3619

12.1512

203.1994,
-89.4917, 90.6802

■ 10.6709, -18.6741,
7.4696

■ 1.0367, -1.8142,
0.7257

■ 87.4718, -60.3291,
52.7851

■ 87.4718, -60.3291,
52.7851

■ 87.3999, -60.6325,
52.7939

■ 88.1236, -57.5678,
52.5313

■ 88.8959, -54.2312,
51.4966

■ 89.8015, -50.2578,
49.5029

■ 90.8478, -45.6224,
46.4517

■ 92.0398, -40.3175,
42.2809

■ 93.3805, -34.3494,
36.9572

■ 94.8713, -27.7354,
30.4704

■ 96.5121, -20.5016,
22.8300

■ 98.3019, -12.6806,
14.0609

Harmonies

Analogous

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



87.4718, -18.3686, 57.2699



87.4718, -60.3291, 52.7851



87.4718, -82.4973, 34.9486

Triad

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



87.4718, -60.3289, 52.7843



87.4718, -41.2484, -148.4788



87.4718, 126.4952, 17.1734

Complementary

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



87.4718, -60.3291, 52.7851



34.1310, 79.1062, -141.9297

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.



87.4718, 116.0288, -42.5841



87.4718, -60.3291, 52.7851



87.4718, 9.9230, -164.7345

Square

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



87.4718, -60.3289, 52.7843



87.4718, -73.5261, -81.6225



87.4718, 69.7136, -117.8452



87.4718, 95.5437, 46.6051

Rectangle

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



87.4718, -60.3291, 52.7851



87.4718, -87.1525, 8.7041



87.4718, 69.7136, -117.8452



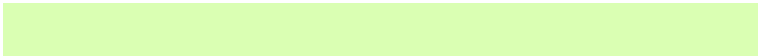
87.4718, 127.8178, 0.6261

Sweetspot

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



87.4718, -60.3289, 52.7843



94.6855, -28.5577, 31.3054



59.9073, 39.8748, 37.5262



43.5101, -14.5233, 15.7872

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4718, -60.3289, 52.7843



87.3999, -60.6325, 52.7939



84.6011, -72.3753, 50.8025



45.4190, -6.1275, 6.8049



63.2483, -43.5377, 38.2111



19.8998, -12.9135, 12.0361

Inverse Universe

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



34.1310, 79.1062, -141.9297



33.8614, 79.3103, -143.4006



52.6861, 103.6078, -72.1874



42.2011, 1.6075, -2.4177



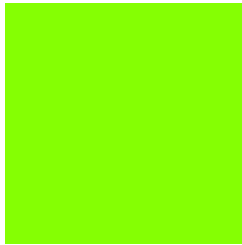
24.6561, 57.5247, -102.6745



8.1030, 18.4097, -29.9034

Previews

White Background



This preview shows how the HunterLab color 87.4718, -60.3291, 52.7851 looks on a white background.

Color Contrast Check

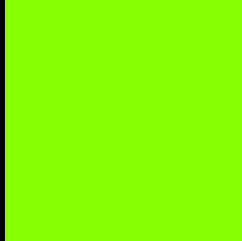
Large Text (above 18pt) WCAG AA × Fail

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 87.4718, -60.3291, 52.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

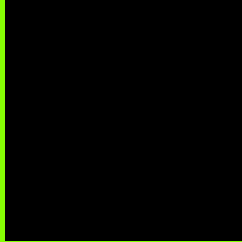
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

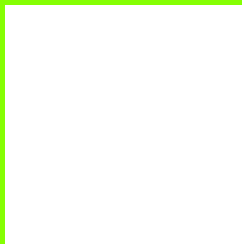
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4718, -60.3291, 52.7851 Background



This preview shows how black text looks on a background with the HunterLab color 87.4718, -60.3291, 52.7851.



This preview shows how white text looks on a background with the HunterLab color 87.4718, -60.3291, 52.7851.

-60.3291, 52.7851.

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

87.4718, -60.3291, 52.7851

Protanopia

86.8698, -12.1530, 53.3160

Deuteranopia

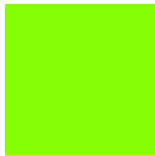
86.8036, 0.4476, 27.5198



Tritanopia

87.2429, -20.7428, -10.8996

Trichromacy



Original Color

87.4718, -60.3291, 52.7851



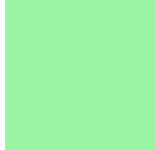
Protanomaly

86.1813, -33.0315, 52.5065



Deuteranomaly

85.5750, -27.1828, 42.2310



Tritanomaly

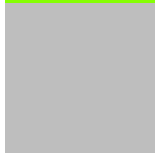
86.2057, -42.1953, 28.5493

Monochromacy



Original Color

87.4718, -60.3291, 52.7851



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

76.1139, -30.1958, 32.0299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4718, -60.3291, 52.7851 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(133, 255, 3)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 3)  
}
```

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(133, 255, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4718, -60.3291, 52.7851 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(133, 255, 3) }
```


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

```
.border{ border-color:rgb(133, 255, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 3);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
3) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4718, -60.3291, 52.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 3) }
```

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

```
.background{ background-color: rgb(133,  
255, 3) }
```

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