

Converting Colors

HunterLab(86.7607, -60.1331,
52.4088)

Have a look what the booklet for
HunterLab(86.7607, -60.1331,
52.4088) contains.

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Color

**HunterLab(86.6463,
-59.9868, 52.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	83FD00
RGB	131, 253, 0
RGB Percent	51%, 99%, 0%
CMY	0.4863, 0.0078, 0.9999
CMYK	0.48, 0.00, 1.00, 0.01
HSL	89°, 100%, 50%
HSV	89°, 100%, 99%
XYZ	44.4853, 75.0758, 12.1464
YIQ	187.6800, 8.5010, -104.5470

Conversions

Conversions Part 2

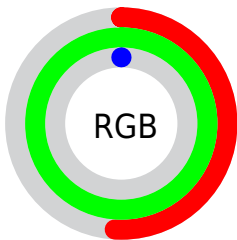
Format	Color
RYB	0, 253, 122
Decimal	8649984
CIELab	89.43, -66.23, 85.49
CIElCh	89, 108.145, 127.763
Yxy	75.0790, 0.3378, 0.5700
Android (android.graphics.Color)	4286840064 (0xFF83FD00)
YUV	187.6800, -92.5262, -49.7084
Hunter-Lab	86.6463, -59.9868, 52.3409

Details

The HunterLab color **86.6463, -59.9868, 52.3409** 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 **33.5167, 78.5516, -142.3670**, and the grayscale version is **71.1576, -3.7968, 3.8661**.

A 20% lighter version of the original color is **91.4592, -43.4827, 48.8821**, and **63.2885, -50.1111, 38.1208** is the 20% darker color. If you saturate the color by 10%, you get **86.6473, -59.9922, 52.3414**, and if you desaturate by 10%, it is **87.2829, -57.3042, 52.1423**.

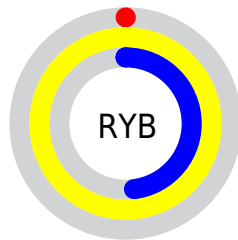
Distribution



Red (51%)

Green (99%)

Blue (0%)



Red (0%)

Yellow (99%)

Blue (48%)

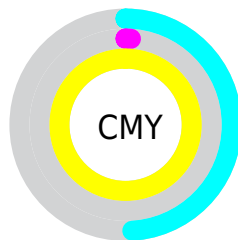


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (49%)


Magenta (1%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.6463, -59.9868, 52.3409 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 86.6463, -59.9868, 52.3409 by changing the saturation by 10% instead.

 86.6463, -59.9868,
52.3409


 86.6463, -59.9868,
52.3409


218.6754,
-92.4860, 94.4009

 74.6175, -55.8167,
46.8919


 112.4385,
-67.8724, 62.6594


 63.2017, -51.4497,
41.2277


 126.1495,
-71.6307, 67.5647


 52.4360, -46.8429,
35.3437


 140.3764,
-75.2896, 72.3239

 42.3622, -41.9358,
29.6535

 155.1013,
-78.8624, 76.9520

 33.0317, -36.6427,
23.1222

 170.3078,
-82.3599, 81.4626

 24.5091, -30.8388,
17.1564

 185.9811,

 16.8799, -25.0166,

-85.7915, 85.8675

11.8159

202.1078,
-89.1646, 90.1772

■ 10.2644, -17.9627,
7.1851

0.0000, NaN, NaN

■ 86.6463, -59.9868,
52.3409

■ 86.6463, -59.9868,
52.3409

■ 86.6473, -59.9922,
52.3414

■ 87.2829, -57.3042,
52.1423

■ 88.0330, -54.0710,
51.2176

■ 88.9137, -50.2136,
49.3571

■ 89.9324, -45.7046,
46.4583

■ 91.0944, -40.5345,
42.4559

■ 92.4030, -34.7081,
37.3140

■ 93.8595, -28.2413,
31.0197

■ 95.4642, -21.1586,
23.5801

■ 97.2163, -13.4914,
15.0182

Harmonies

Analogous

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



86.6482, -18.3541, 56.7839



86.6463, -59.9868, 52.3409



86.6482, -81.9461, 34.6303

Triad

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



86.6482, -59.9885, 52.3413



86.6482, -40.8756, -147.9277



86.6482, 125.8085, 17.1479

Complementary

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



86.6463, -59.9868, 52.3409



33.5167, 78.5516, -142.3670

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.



86.6482, 115.4880, -42.2099



86.6463, -59.9868, 52.3409



86.6482, 10.0096, -163.9767

Square

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



86.6482, -59.9885, 52.3413



86.6482, -72.9668, -81.4051



86.6482, 69.4661, -117.1500



86.6482, 94.9287, 46.2864

Rectangle

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



86.6463, -59.9868, 52.3409



86.6482, -86.5382, 8.5231



86.6482, 69.4661, -117.1500



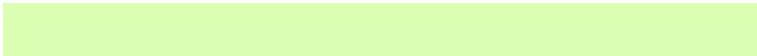
86.6482, 127.1576, 0.7289

Sweetspot

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



86.6482, -59.9885, 52.3413



94.6974, -28.5133, 31.3168



58.1906, 42.3358, 36.5969



43.5162, -14.5003, 15.7929

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.6482, -59.9885, 52.3413



87.4224, -60.5401, 52.8094



83.8501, -71.7336, 50.4115



45.4209, -6.1206, 6.8071



63.2645, -43.4709, 38.2223



19.9049, -12.8930, 12.0396

Inverse Universe

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



33.5167, 78.5516, -142.3670



33.8081, 79.2526, -143.6956



51.4088, 101.8303, -73.7190



42.1990, 1.6004, -2.4205



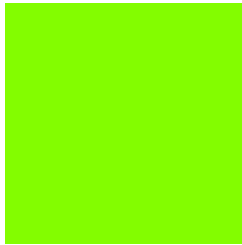
24.6176, 57.4827, -102.8847



8.0914, 18.3963, -29.9614

Previews

White Background



This preview shows how the HunterLab color 86.6463, -59.9868, 52.3409 looks on a white background.

Color Contrast Check

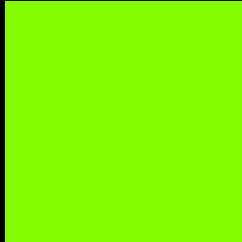
Large Text (above 18pt) WCAG AA × Fail

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 86.6463, -59.9868, 52.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

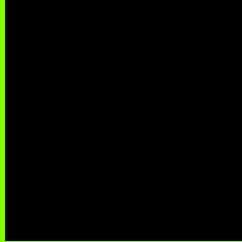
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

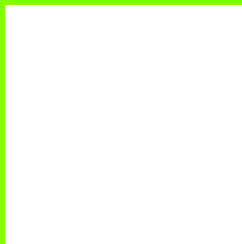
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.6463, -59.9868, 52.3409 Background



This preview shows how black text looks on a background with the HunterLab color 86.6463, -59.9868, 52.3409.



This preview shows how white text looks on a background with the HunterLab color 86.6463,

-59.9868, 52.3409.

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

86.6463, -59.9868, 52.3409

Protanopia

86.0272, -11.9414, 52.8005

Deuteranopia

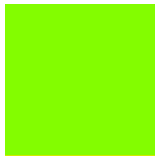
85.7497, 1.1978, 28.9012



Tritanopia

86.2931, -20.8865, -11.6167

Trichromacy



Original Color

86.6463, -59.9868, 52.3409



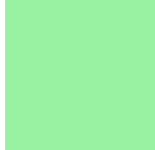
Protanomaly

85.3385, -32.7929, 52.0111



Deuteranomaly

84.4362, -26.4738, 42.3694



Tritanomaly

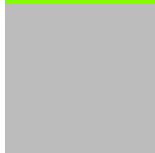
85.3161, -42.1341, 28.0788

Monochromacy



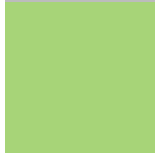
Original Color

86.6463, -59.9868, 52.3409



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.2719, -30.0637, 31.8594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.6463, -59.9868, 52.3409 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(131, 253, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 253, 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(131, 253, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 253, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 86.6463, -59.9868, 52.3409 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(131, 253, 0) }
```


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

```
.border{ border-color:rgb(131, 253, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 253, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 253, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 253, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 253,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.6463, -59.9868, 52.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 253, 0) }
```

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

```
.background{ background-color: rgb(131,  
253, 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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