

Converting Colors

HunterLab(86.5865, -63.9174,
51.5844)

Have a look what the booklet for
HunterLab(86.5865, -63.9174,
51.5844) contains.

HunterLab(86.5876, -63.9105, 51.5668)	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(86.5876,
-63.9105, 51.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	6FFF1A
RGB	111, 255, 26
RGB Percent	44%, 100%, 10%
CMY	0.5647, 0.0000, 0.8980
CMYK	0.56, 0.00, 0.90, 0.00
HSL	98°, 100%, 55%
HSV	98°, 90%, 100%
XYZ	42.5020, 74.9741, 13.2087
YIQ	185.8380, -12.3150, -101.7470

Conversions

Conversions Part 2

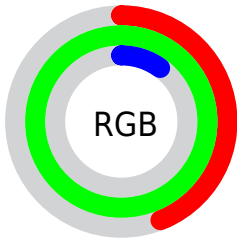
Format	Color
R_{YB}	26, 255, 170
Decimal	7339802
CIE _{Lab}	89.38, -71.88, 82.68
CIE _{LCh}	89, 109.557, 131.001
Y _{xy}	74.9742, 0.3252, 0.5737
Android (android.graphics.Color)	4285529882 (0xFF6FFF1A)
YUV	185.8380, -78.8001, -65.6329
Hunter-Lab	86.5876, -63.9105, 51.5668

Details

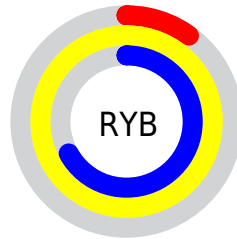
The HunterLab color **86.5876, -63.9105, 51.5668** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **40.6300, 82.6709, -111.5745**, and the grayscale version is **70.3303, -3.7526, 3.8212**.

A 20% lighter version of the original color is **90.3716, -47.6099, 46.9431**, and **63.3361, -53.5716, 38.0896** is the 20% darker color. If you saturate the color by 10%, you get **85.9954, -66.4713, 51.8160**, and if you desaturate by 10%, it is **87.3375, -60.6106, 50.5887**.

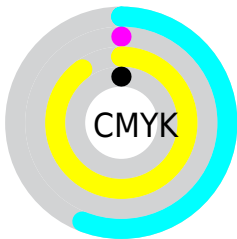
Distribution



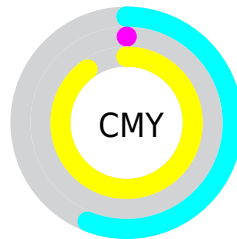
- Red (44%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.5876, -63.9105, 51.5668 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 86.5876, -63.9105, 51.5668 by changing the saturation by 10% instead.

86.5876, -63.9105,
51.5668

86.5876, -63.9105,
51.5668

218.5930,
-98.7601, 92.3906

74.5599, -59.4063,
46.2750

112.3725,
-72.4027, 61.5780

63.1472, -54.6841,
40.7697

126.0808,
-76.4423, 66.3371

52.3848, -49.6948,
35.0407

140.3053,
-80.3697, 70.9547

42.3145, -44.3721,
29.3794

155.0277,
-84.1996, 75.4461

32.9878, -38.6232,
23.0914

170.2319,
-87.9442, 79.8244

24.4694, -32.3148,
17.1286

185.9030,

16.8448, -26.4621,

-91.6137, 84.1013

11.7914

202.0275,
-95.2165, 88.2871

■ 10.2347, -17.9107,
7.1643

0.0000, NaN, NaN

■ 86.5876, -63.9105,
51.5668

■ 86.5876, -63.9105,
51.5668

■ 85.9954, -66.4713,
51.8160

■ 87.3375, -60.6106,
50.5887

■ 85.9846, -66.5180,
51.8188

■ 88.2622, -56.4936,
48.6788

■ 89.3710, -51.5337,
45.7384

■ 90.6696, -45.7295,
41.7108

■ 92.1613, -39.0991,
36.5717

■ 93.8468, -31.6757,
30.3229

■ 95.7252, -23.5045,
22.9880

■ 97.7935, -14.6385,
14.6069

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



86.5876, -23.9904, 56.8122



86.5876, -63.9105, 51.5668



86.5876, -83.9526, 31.5924

Triad

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



86.5876, -63.9102, 51.5660



86.5876, -36.5830, -155.7659



86.5876, 126.3728, 21.8745

Complementary

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



86.5876, -63.9105, 51.5668



40.6300, 82.6709, -111.5745

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.



86.5876, 120.5453, -35.0895



86.5876, -63.9105, 51.5668



86.5876, 16.6083, -164.8893

Square

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



86.5876, -63.9102, 51.5660



86.5876, -71.1297, -91.3333



86.5876, 76.7321, -111.5945



86.5876, 91.0853, 48.2701

Rectangle

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



86.5876, -63.9105, 51.5668



86.5876, -87.3353, 2.9272



86.5876, 76.7321, -111.5945



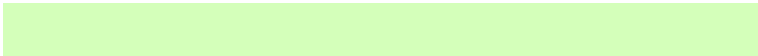
86.5876, 129.3465, 6.4620

Sweetspot

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



86.5876, -63.9102, 51.5660



94.3527, -29.4642, 28.3800



70.0388, 18.3345, 42.6503



43.3670, -14.8773, 14.2223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.5876, -63.9102, 51.5660



85.9846, -66.5180, 51.8188



84.8496, -71.0213, 48.7093



45.2729, -6.6483, 6.6378



62.2169, -47.8210, 37.5006



19.5671, -14.2827, 11.8071

Inverse Universe

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



40.6300, 82.6709, -111.5745



38.3811, 84.5396, -121.0169



52.5519, 97.0681, -48.9631



42.3601, 2.1449, -2.2035



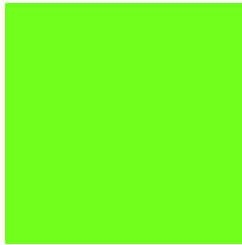
27.9020, 61.3035, -86.7792



9.0568, 19.5658, -25.5864

Previews

White Background



This preview shows how the HunterLab color 86.5876, -63.9105, 51.5668 looks on a white background.

Color Contrast Check

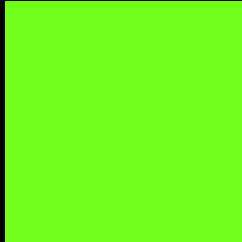
Large Text (above 18pt) WCAG AA × Fail

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 86.5876, -63.9105, 51.5668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

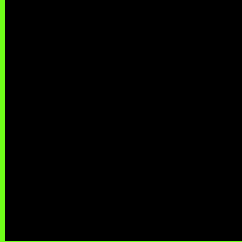
Any Text WCAG AA ✓ Pass

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 86.5876, -63.9105, 51.5668 Background



This preview shows how black text looks on a background with the HunterLab color 86.5876, -63.9105, 51.5668.



This preview shows how white text looks on a background with the HunterLab color 86.5876, -63.9105, 51.5668.

-63.9105, 51.5668.

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

86.5876, -63.9105, 51.5668

Protanopia

85.6192, -11.7646, 52.3533

Deuteranopia

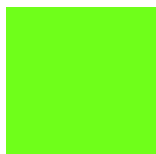
85.7288, 1.0851, 29.2042



Tritanopia

86.3485, -24.0367, -12.1743

Trichromacy



Original Color

86.5876, -63.9105, 51.5668



Protanomaly

84.6956, -35.2079, 51.2295



Deuteranomaly

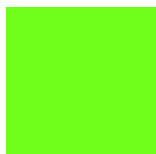
84.2856, -28.5109, 40.4475



Tritanomaly

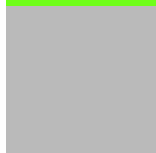
85.4887, -44.6244, 24.8278

Monochromacy



Original Color

86.5876, -63.9105, 51.5668



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

74.5104, -31.0014, 29.1198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.5876, -63.9105, 51.5668 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(111, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(111, 255, 26)  
}
```

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(111, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 255, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 86.5876, -63.9105, 51.5668 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(111, 255, 26) }
```


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

```
.border{ border-color:rgb(111, 255, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 255, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(111, 255,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.5876, -63.9105, 51.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 255, 26) }
```

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

```
.background{ background-color: rgb(111,  
255, 26) }
```

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