

Converting Colors

HunterLab(85.5902, -68.1784,
51.5467)

Have a look what the booklet for
HunterLab(85.5902, -68.1784,
51.5467) contains.

HunterLab(85.5975, -68.1476, 51.5517)	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(85.5975,
-68.1476, 51.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	51FF00
RGB	81, 255, 0
RGB Percent	32%, 100%, 0%
CMY	0.6824, 0.0000, 0.9998
CMYK	0.68, 0.00, 1.00, 0.00
HSL	101°, 100%, 50%
HSV	101°, 100%, 100%
XYZ	39.1533, 73.2693, 12.0789
YIQ	173.9040, -21.8490, -116.1930

Conversions

Conversions Part 2

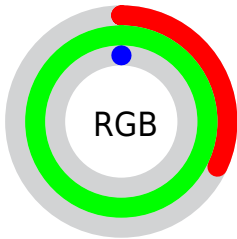
Format	Color
RYB	0, 255, 174
Decimal	5373696
CIELab	88.58, -78.73, 84.20
CIELCh	89, 115.272, 133.075
Yxy	73.2694, 0.3145, 0.5885
Android (android.graphics.Color)	4283563776 (0xFF51FF00)
YUV	173.9040, -85.7347, -81.4768
Hunter-Lab	85.5975, -68.1476, 51.5517

Details

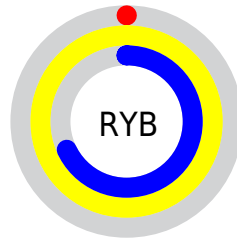
The HunterLab color **85.5975, -68.1476, 51.5517** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **40.2795, 86.8984, -112.9178**, and the grayscale version is **65.3724, -3.4881, 3.5518**.

A 20% lighter version of the original color is **88.8739, -53.7310, 46.9143**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.5968, -68.1507, 51.5512**, and if you desaturate by 10%, it is **86.1462, -65.7561, 51.2774**.

Distribution



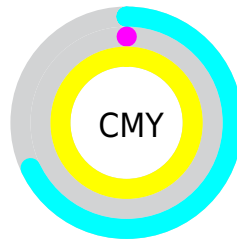
- Red (32%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5975, -68.1476, 51.5517 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 85.5975, -68.1476, 51.5517 by changing the saturation by 10% instead.

85.5975, -68.1476,
51.5517

85.5975, -68.1476,
51.5517

217.2436,
-105.9573, 93.1388

73.6181, -63.2190,
46.1568

111.2922,
-77.4125, 61.7586

62.2564, -58.0408,
40.5469

124.9582,
-81.8074, 66.6095

51.5480, -52.5575,
34.7154

139.1418,
-86.0730, 71.3150

41.5356, -46.6947,
29.0749

153.8248,
-90.2259, 75.8904

32.2713, -40.3490,
22.5899

168.9907,
-94.2801, 80.3493

23.8213, -33.3758,
16.6749

184.6248,

16.2733, -28.1187,

-98.2471, 84.7036

11.3913

200.7132,
-102.1367, 88.9637

■ 9.7517, -17.0655,
6.8262

0.0000, NaN, NaN

■ 85.5975, -68.1476,
51.5517

■ 85.5975, -68.1476,
51.5517

■ 85.5968, -68.1507,
51.5512

■ 86.1462, -65.7561,
51.2774

■ 86.8672, -62.5591,
50.2910

■ 87.7798, -58.4689,
48.3806

■ 88.8945, -53.4571,
45.4492

■ 90.2180, -47.5233,
41.4426

■ 91.7537, -40.6891,
36.3402

■ 93.5026, -32.9943,
30.1492

■ 95.4631, -24.4919,
22.8988

■ 97.6319, -15.2443,
14.6354

Harmonies

Analogous

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



85.5975, -28.3472, 56.9514



85.5975, -68.1476, 51.5517



85.5975, -87.2099, 30.1270

Triad

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



85.5975, -68.1473, 51.5509



85.5975, -34.6514, -171.3960



85.5975, 133.2322, 25.3358

Complementary

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



85.5975, -68.1476, 51.5517



40.2795, 86.8984, -112.9178

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.



85.5975, 130.2208, -32.2932



85.5975, -68.1476, 51.5517



85.5975, 22.1199, -176.2149

Square

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



85.5975, -68.1473, 51.5509



85.5975, -71.6994, -103.9293



85.5975, 85.5828, -114.5403



85.5975, 92.9604, 50.0378

Rectangle

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



85.5975, -68.1476, 51.5517



85.5975, -89.8340, -1.2239



85.5975, 85.5828, -114.5403



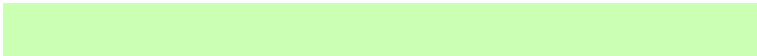
85.5975, 137.5101, 10.1525

Sweetspot

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



85.5975, -68.1473, 51.5509



93.4996, -33.0075, 30.1601



70.7211, 16.6168, 43.8679



42.9041, -16.8186, 15.2215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5975, -68.1473, 51.5509



85.5968, -68.1507, 51.5512



84.6707, -71.8832, 49.3460



45.2194, -6.8395, 6.5764



61.9308, -49.0243, 37.3032



19.4678, -14.6965, 11.7387

Inverse Universe

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



40.2795, 86.8984, -112.9178



40.2765, 86.9003, -112.9299



51.0294, 96.7500, -39.6227



42.4196, 2.3456, -2.1236



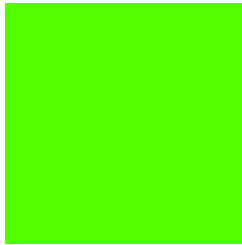
29.2571, 62.9980, -81.0489



9.4443, 20.0629, -24.0463

Previews

White Background



This preview shows how the HunterLab color 85.5975, -68.1476, 51.5517 looks on a white background.

Color Contrast Check

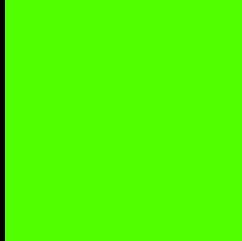
Large Text (above 18pt) WCAG AA × Fail

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 85.5975, -68.1476, 51.5517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

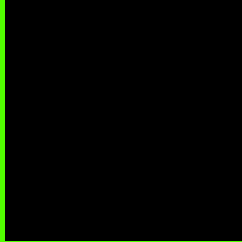
Any Text WCAG AA ✓ Pass

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 85.5975, -68.1476, 51.5517 Background



This preview shows how black text looks on a background with the HunterLab color 85.5975, -68.1476, 51.5517.



This preview shows how white text looks on a background with the HunterLab color 85.5975, -68.1476, 51.5517.

-68.1476, 51.5517.

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

85.5975, -68.1476, 51.5517

Protanopia

84.6578, -12.0104, 51.9555

Deuteranopia

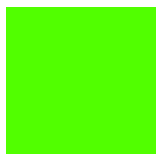
84.6481, 1.6622, 31.0801



Tritanopia

85.0657, -27.0813, -13.9977

Trichromacy



Original Color

85.5975, -68.1476, 51.5517



Protanomaly

82.9715, -38.4237, 50.4540



Deuteranomaly

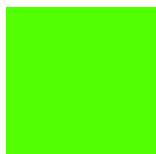
82.5277, -32.1354, 42.1657



Tritanomaly

83.8777, -49.6544, 26.6535

Monochromacy



Original Color

85.5975, -68.1476, 51.5517



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

70.3100, -34.0836, 30.0462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5975, -68.1476, 51.5517 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(81, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 255, 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(81, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5975, -68.1476, 51.5517 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(81, 255, 0) }
```


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

```
.border{ border-color:rgb(81, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(81, 255, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.5975, -68.1476, 51.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 255, 0) }
```

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

```
.background{ background-color: rgb(81, 255,  
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](#).

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