

Converting Colors

HunterLab(88.3168, -52.1758,
53.5070)

Have a look what the booklet for
HunterLab(88.3168, -52.1758,
53.5070) contains.

HunterLab(88.1634, -51.9676, 53.4161)	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(88.1634,
-51.9676, 53.4161)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FC00
RGB	166, 252, 0
RGB Percent	65%, 99%, 0%
CMY	0.3490, 0.0117, 0.9998
CMYK	0.34, 0.00, 1.00, 0.01
HSL	80°, 100%, 49%
HSV	80°, 100%, 99%
XYZ	50.5363, 77.7279, 12.3394
YIQ	197.5580, 29.6360, -96.6040

Conversions

Conversions Part 2

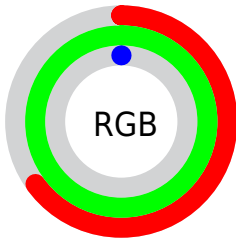
Format	Color
RYB	0, 252, 86
Decimal	10943488
CIELab	90.66, -54.66, 87.10
CIELCh	91, 102.832, 122.109
Yxy	77.7313, 0.3594, 0.5528
Android (android.graphics.Color)	4289133568 (0xFFA6FC00)
YUV	197.5580, -97.3961, -27.6764
Hunter-Lab	88.1634, -51.9676, 53.4161

Details

The HunterLab color **88.1634, -51.9676, 53.4161** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **30.0167, 74.8123, -162.1135**, and the grayscale version is **75.3546, -4.0207, 4.0942**.

A 20% lighter version of the original color is **94.1495, -33.1574, 50.9124**, and **64.8332, -43.6894, 39.1851** is the 20% darker color. If you saturate the color by 10%, you get **88.1645, -51.9731, 53.4167**, and if you desaturate by 10%, it is **88.7487, -49.5563, 53.1955**.

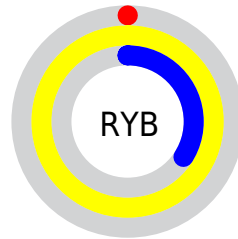
Distribution



Red (65%)

Green (99%)

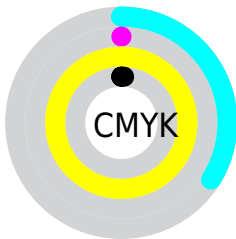
Blue (0%)



Red (0%)

Yellow (99%)

Blue (34%)

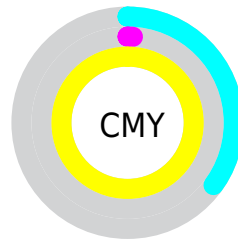


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (35%)


Magenta (1%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.1634, -51.9676, 53.4161 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 88.1634, -51.9676, 53.4161 by changing the saturation by 10% instead.


 88.1634, -51.9676,
53.4161

 88.1634, -51.9676,
53.4161


220.7382,
-79.6649, 96.0407


 76.0613, -48.4804,
47.9025


 114.0926,
-58.6071, 63.8651

 64.5683, -44.8454,
42.1748


 127.8679,
-61.7905, 68.8352


 53.7207, -41.0306,
36.2297


 142.1569,
-64.9013, 73.6584

 43.5595, -36.9892,
30.4690

 156.9417,
-67.9495, 78.3497

 34.1346, -32.6547,
23.8942

 172.2062,
-70.9436, 82.9225

 25.5088, -27.9280,
17.8562

 187.9359,

 17.7644, -22.6544,

-73.8904, 87.3885

12.4351

204.1173,
-76.7958, 91.7582

■ 11.0162, -19.2784,
7.7114

■ 2.6972, -4.7201,
1.8880

■ 88.1634, -51.9676,
53.4161

■ 88.1634, -51.9676,
53.4161

■ 88.1645, -51.9731,
53.4167

■ 88.7487, -49.5563,
53.1955

■ 89.4151, -46.7310,
52.2450

■ 90.1788, -43.4172,
50.3552

■ 91.0474, -39.5813,
47.4191

■ 92.0262, -35.2049,
43.3638

■ 93.1193, -30.2809,
38.1423

■ 94.3290, -24.8113,
31.7292

■ 95.6568, -18.8056,
24.1176

■ 97.1033, -12.2794,
15.3156

Harmonies

Analogous

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



88.1653, -8.3731, 56.8282



88.1634, -51.9676, 53.4161



88.1653, -77.0409, 38.7996

Triad

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



88.1653, -51.9696, 53.4165



88.1653, -46.9209, -128.1746



88.1653, 119.6888, 8.2417

Complementary

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



88.1634, -51.9676, 53.4161



30.0167, 74.8123, -162.1135

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.



88.1653, 102.7002, -52.5691



88.1634, -51.9676, 53.4161



88.1653, -0.9840, -153.8733

Square

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



88.1653, -51.9696, 53.4165



88.1653, -74.6383, -62.5338



88.1653, 55.2382, -120.4353



88.1653, 97.4370, 41.9610

Rectangle

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



88.1634, -51.9676, 53.4161



88.1653, -83.7311, 16.9267



88.1653, 55.2382, -120.4353



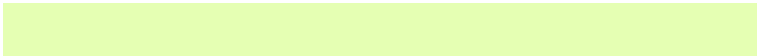
88.1653, 118.3700, -9.3411

Sweetspot

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



88.1653, -51.9696, 53.4165



95.6002, -25.1664, 32.1823



52.0014, 57.6962, 33.0518



43.9831, -12.7558, 16.2254

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.1653, -51.9696, 53.4165



89.3534, -52.6892, 54.1367



83.7361, -70.2904, 50.3664



44.5834, -5.4798, 6.8132



63.6969, -37.2436, 38.5977



19.5352, -10.7345, 11.8496

Inverse Universe

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



30.0167, 74.8123, -162.1135



30.4109, 75.8204, -164.3837



45.5332, 93.4081, -90.2334



41.1472, 1.0523, -2.5596



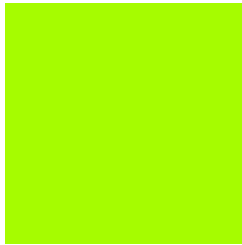
21.8287, 54.1538, -115.9047



7.0520, 16.8849, -32.7150

Previews

White Background



This preview shows how the HunterLab color 88.1634, -51.9676, 53.4161 looks on a white background.

Color Contrast Check

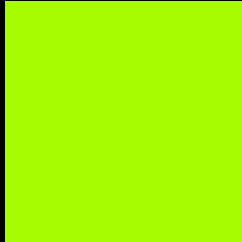
Large Text (above 18pt) WCAG AA × Fail

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 88.1634, -51.9676, 53.4161 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 88.1634, -51.9676, 53.4161 Background



This preview shows how black text looks on a background with the HunterLab color 88.1634, -51.9676, 53.4161.



This preview shows how white text looks on a background with the HunterLab color 88.1634, -51.9676, 53.4161.

-51.9676, 53.4161.

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

88.1634, -51.9676, 53.4161

Protanopia

87.7625, -11.8767, 51.4291

Deuteranopia

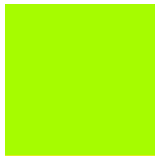
87.5653, 0.2521, 25.7980



Tritanopia

87.8316, -13.6990, -8.8490

Trichromacy



Original Color

88.1634, -51.9676, 53.4161



Protanomaly

87.3943, -28.3109, 52.2776



Deuteranomaly

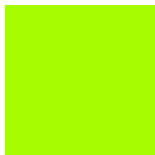
86.6937, -22.9233, 42.3345



Tritanomaly

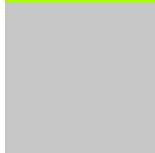
86.9201, -34.1986, 29.9612

Monochromacy



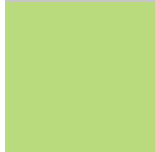
Original Color

88.1634, -51.9676, 53.4161



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

78.7961, -26.6944, 33.2341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.1634, -51.9676, 53.4161 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(166, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 252, 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(166, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 252, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 88.1634, -51.9676, 53.4161 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(166, 252, 0) }
```


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

```
.border{ border-color:rgb(166, 252, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 252, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 252,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.1634, -51.9676, 53.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 252, 0) }
```

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

```
.background{ background-color: rgb(166,  
252, 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