

Converting Colors

HunterLab(85.6496, -56.3728,
49.8186)

Have a look what the booklet for
HunterLab(85.6496, -56.3728,
49.8186) contains.

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Color

**HunterLab(85.6551,
-56.3477, 49.8583)**

Conversions

Conversions Part 1	
Format	Color
Hex	8AF930
RGB	138, 249, 48
RGB Percent	54%, 98%, 19%
CMY	0.4588, 0.0235, 0.8117
CMYK	0.45, 0.00, 0.81, 0.02
HSL	93°, 94%, 58%
HSV	93°, 81%, 98%
XYZ	44.8903, 73.3680, 14.5917
YIQ	192.8970, -1.6350, -86.0430

Conversions

Conversions Part 2

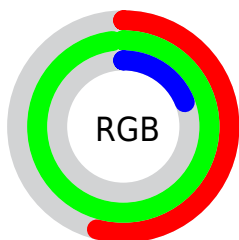
Format	Color
RYB	48, 249, 159
Decimal	9107760
CIELab	88.62, -61.58, 78.04
CIELCh	89, 99.407, 128.279
Yxy	73.3711, 0.3379, 0.5523
Android (android.graphics.Color)	4287297840 (0xFF8AF930)
YUV	192.8970, -71.4342, -48.1447
Hunter-Lab	85.6551, -56.3477, 49.8583

Details

The HunterLab color **85.6551, -56.3477, 49.8583** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **40.4066, 72.6745, -105.3416**, and the grayscale version is **73.2772, -3.9099, 3.9813**.

A 20% lighter version of the original color is **92.1043, -40.5643, 46.1762**, and **62.5741, -47.6778, 37.7232** is the 20% darker color. If you saturate the color by 10%, you get **84.9237, -59.5364, 50.7173**, and if you desaturate by 10%, it is **86.5365, -52.4715, 48.0969**.

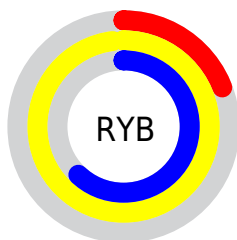
Distribution



Red (54%)

Green (98%)

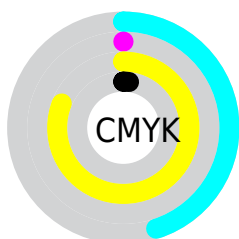
Blue (19%)



Red (19%)

Yellow (98%)

Blue (62%)

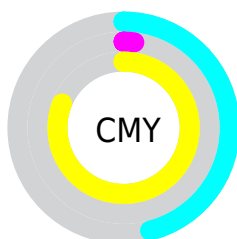


Cyan (45%)

Magenta (0%)

Yellow (81%)

Black (2%)



Cyan (46%)


Magenta (2%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6551, -56.3477, 49.8583 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 85.6551, -56.3477, 49.8583 by changing the saturation by 10% instead.


 85.6551, -56.3477,
49.8583


 85.6551, -56.3477,
49.8583


217.3247,
-86.9911, 88.7118


 73.6746, -52.4342,
44.8195


 111.3571,
-63.7591, 59.3839


 62.3098, -48.3395,
39.5683


 125.0255,
-67.2965, 63.9101

 51.5982, -44.0234,
34.0893


 139.2116,
-70.7438, 68.3022

 41.5822, -39.4285,
28.5294

 153.8970,
-74.1133, 72.5752

 32.3142, -34.4729,
22.6199

 169.0653,
-77.4149, 76.7420

 23.8601, -29.0356,
16.7021


184.7015,

 16.3075, -23.5423,


-80.6572, 80.8140


11.4152


200.7921,
-83.8472, 84.8011


 9.7805, -17.1159,
6.8464


0.0000, NaN, NaN


 85.6551, -56.3477,
49.8583


 85.6551, -56.3477,
49.8583


 84.9237, -59.5364,
50.7173


 86.5365, -52.4715,
48.0969


 84.3596, -61.9465,
50.8975


 87.5706, -47.8761,
45.3307


 88.7645, -42.5569,
41.4980


 90.1214, -36.5238,
36.5669

 91.6425, -29.7990,
30.5299

 93.3274, -22.4150,
23.3999

 95.1747, -14.4111,
15.2059

 97.1814, -5.8317,
5.9896

 98.0991, -2.1476,
3.2308

Harmonies

Analogous

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



85.6569, -17.9779, 54.7626



85.6551, -56.3477, 49.8583



85.6569, -76.8190, 32.0650

Triad

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



85.6569, -56.3494, 49.8587



85.6569, -37.3192, -131.1639



85.6569, 112.7788, 16.8088

Complementary

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



85.6551, -56.3477, 49.8583



40.4066, 72.6745, -105.3416

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.



85.6569, 104.2336, -36.5407



85.6551, -56.3477, 49.8583



85.6569, 9.7062, -144.1068

Square

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



85.6569, -56.3494, 49.8587



85.6569, -67.7147, -73.5041



85.6569, 63.4585, -102.6247



85.6569, 84.6732, 44.1619

Rectangle

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



85.6551, -56.3477, 49.8583



85.6569, -81.0235, 7.3636



85.6569, 63.4585, -102.6247



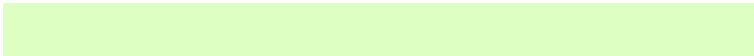
85.6569, 114.2030, 1.8706

Sweetspot

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



85.6569, -56.3494, 49.8587



95.2941, -25.6136, 26.5893



67.0807, 20.7783, 39.2262



43.8020, -13.1014, 13.5089

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6569, -56.3494, 49.8587



86.8424, -62.9182, 52.2604



82.8789, -67.8009, 47.0133



44.3730, -6.2283, 6.5729



61.7847, -45.0468, 37.2829



18.9668, -13.0322, 11.4591

Inverse Universe

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



40.4066, 72.6745, -105.3416



36.5218, 81.1445, -129.6624



53.3710, 92.8880, -56.1661



41.3709, 1.8108, -2.2574



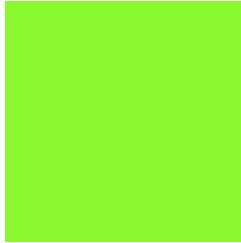
25.7236, 58.2845, -93.7026



8.2205, 18.2025, -26.6622

Previews

White Background



This preview shows how the HunterLab color 85.6551, -56.3477, 49.8583 looks on a white background.

Color Contrast Check

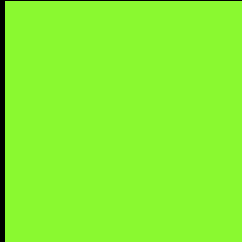
Large Text (above 18pt) WCAG AA × Fail

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 85.6551, -56.3477, 49.8583 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 85.6551, -56.3477, 49.8583 Background



This preview shows how black text looks on a background with the HunterLab color 85.6551, -56.3477, 49.8583.



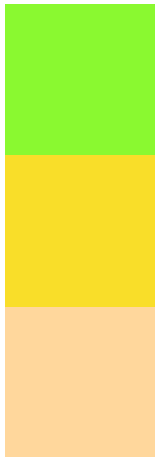
This preview shows how white text looks on a background with the HunterLab color 85.6551,

-56.3477, 49.8583.

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

85.6551, -56.3477, 49.8583

Protanopia

85.1718, -11.5928, 50.8192

Deuteranopia

85.0066, 1.4634, 30.4689



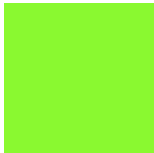
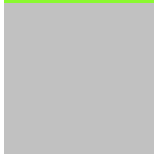

Tritanopia

85.4050, -19.3321, -10.4994

Trichromacy

	Original Color 85.6551, -56.3477, 49.8583
	Protanomaly 84.5283, -30.5009, 49.8806
	Deuteranomaly 83.7971, -23.4558, 39.3171
	Tritanomaly 84.5526, -37.3133, 22.2805

Monochromacy

	Original Color 85.6551, -56.3477, 49.8583
	Achromatopsia 73.0258, -3.8965, 3.9676
	Achromatomaly 76.3978, -26.7765, 27.3522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6551, -56.3477, 49.8583 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(138, 249, 48)` looks like.

```
.text, #text, p{  
    color:rgb(138, 249, 48)  
}
```

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(138, 249, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 249, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6551, -56.3477, 49.8583 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(138, 249, 48) }
```


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

```
.border{ border-color:rgb(138, 249, 48) }
```

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

Here you see how a box with a 4 pixel rgb(138, 249, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 249, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 249, 48);  
box-shadow:4px 4px 4px 4px rgb(138, 249,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6551, -56.3477, 49.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 249, 48) }
```

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

```
.background{ background-color: rgb(138,  
249, 48) }
```

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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