

# Converting Colors

HunterLab(88.8315, -54.3779,  
50.5730)

Have a look what the booklet for  
HunterLab(88.8315, -54.3779,  
50.5730) contains.

<b>HunterLab(88.8584, -54.2665, 50.5676)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(88.8584,  
-54.2665, 50.5676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9CFF40
RGB	156, 255, 64
RGB Percent	61%, 100%, 25%
CMY	0.3882, 0.0000, 0.7490
CMYK	0.39, 0.00, 0.75, 0.00
HSL	91°, 100%, 63%
HSV	91°, 75%, 100%
XYZ	50.3958, 78.9582, 17.4349
YIQ	203.6250, 2.3070, -80.3890

# Conversions

## Conversions Part 2

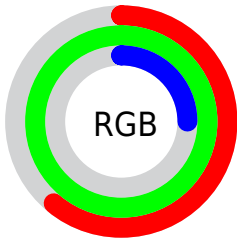
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 255, 163</a>
Decimal	<a href="#">10288960</a>
<a href="#">CIELab</a>	<a href="#">91.22, -57.45, 76.25</a>
<a href="#">CIElCh</a>	<a href="#">91, 95.465, 126.995</a>
<a href="#">Yxy</a>	<a href="#">78.9581, 0.3433, 0.5379</a>
Android (android.graphics.Color)	<a href="#">4288479040</a> ( <a href="#">0xFF9CFF40</a> )
<a href="#">YUV</a>	<a href="#">203.6250, -68.8351, -41.7671</a>
<a href="#">Hunter-Lab</a>	<a href="#">88.8584, -54.2665, 50.5676</a>

# Details

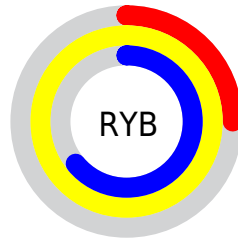
The HunterLab color **88.8584, -54.2665, 50.5676** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **43.2148, 68.9010, -101.9653**, and the grayscale version is **77.8307, -4.1529, 4.2287**.

A 20% lighter version of the original color is **93.5811, -34.6010, 44.9771**, and **65.4378, -46.5579, 39.5074** is the 20% darker color. If you saturate the color by 10%, you get **88.0247, -57.9072, 51.9623**, and if you desaturate by 10%, it is **89.8382, -49.9367, 48.1721**.

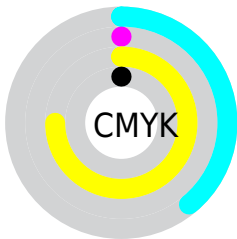
# Distribution



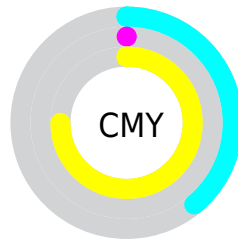
- Red (61%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (64%)



- Cyan (39%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.8584, -54.2665, 50.5676 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 88.8584, -54.2665, 50.5676 by changing the saturation by 10% instead.





 88.8584, -54.2665,  
50.5676


 88.8584, -54.2665,  
50.5676


221.6788,  
-83.0508, 88.3635

 76.7212, -50.6272,  
45.6827


 114.8477,  
-61.1811, 59.8080


 65.1932, -46.8335,  
40.5940


 128.6522,  
-64.4939, 64.2047

 54.3086, -42.8494,  
35.2811


 142.9693,  
-67.7288, 68.4747

 44.1078, -38.6263,  
29.7425

 157.7813,  
-70.8965, 72.6324

 34.6403, -34.0953,  
24.2482

 173.0722,  
-74.0057, 76.6901

 25.9680, -29.1546,  
18.1776

188.8274,

 18.1717, -23.6475,

-77.0639, 80.6585

12.7202

205.0337,  
-80.0772, 84.5469

■ 11.3641, -19.8871,  
7.9548

■ 3.6681, -6.4191,  
2.5676

■ 88.8584, -54.2665,  
50.5676

■ 88.8584, -54.2665,  
50.5676

■ 88.0247, -57.9072,  
51.9623

■ 89.8382, -49.9367,  
48.1721

■ 87.3272, -60.8986,  
52.4858

■ 90.9704, -44.9027,  
44.6966

■ 87.0160, -62.2180,  
52.5296

■ 92.2593, -39.1650,  
40.0929

■ 93.7070, -32.7381,  
34.3400

■ 95.3141, -25.6471,  
27.4394

■ 97.0797, -17.9251,  
19.4107

■ 99.0020, -9.6114,  
10.2880

■ 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.



88.8584, -15.8398, 55.5585



88.8584, -54.2665, 50.5676



88.8584, -75.4271, 33.0314

# Triad

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



88.8584, -54.2662, 50.5668



88.8584, -38.3900, -122.0185



88.8584, 108.2979, 14.9936

# Complementary

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



88.8584, -54.2665, 50.5676



43.2148, 68.9010, -101.9653

# 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.



88.8584, 98.6385, -37.3782



88.8584, -54.2665, 50.5676



88.8584, 6.9202, -136.3187

# Square

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



88.8584, -54.2662, 50.5668



88.8584, -67.7307, -66.9836



88.8584, 58.7507, -99.4498



88.8584, 82.8611, 43.4185



# Rectangle

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



88.8584, -54.2665, 50.5676



88.8584, -80.1212, 9.3710



88.8584, 58.7507, -99.4498



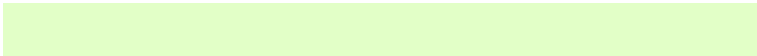
88.8584, 109.1220, 0.0503

# Sweetspot

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



88.8584, -54.2662, 50.5668



95.8096, -23.4720, 25.2270



69.0751, 21.7823, 38.7807



44.1112, -11.8013, 12.6300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.8584, -54.2662, 50.5668



87.6526, -59.5107, 52.3279



85.4505, -68.2920, 47.7532



45.3843, -6.2510, 6.7652



62.9698, -44.6859, 38.0194



19.8126, -13.2697, 11.9761



# Inverse Universe

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



43.2148, 68.9010, -101.9653



37.2931, 78.2851, -126.0608



56.5194, 92.5276, -60.0036



42.2384, 1.7337, -2.3674



25.3630, 58.3089, -98.9117

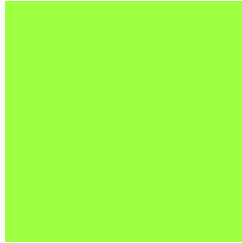


8.3150, 18.6572, -28.8705



# Previews

## White Background



This preview shows how the HunterLab color 88.8584, -54.2665, 50.5676 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

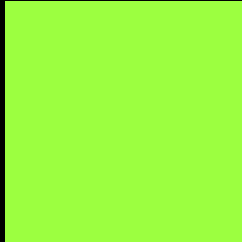
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.8584, -54.2665, 50.5676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

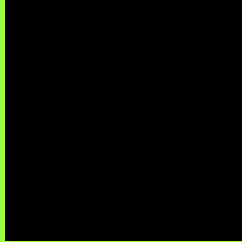
Any Text WCAG AA ✓ Pass

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 88.8584, -54.2665, 50.5676 Background



This preview shows how black text looks on a background with the HunterLab color 88.8584, -54.2665, 50.5676.



This preview shows how white text looks on a background with the HunterLab color 88.8584, -54.2665, 50.5676.

-54.2665, 50.5676.

# 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

88.8584, -54.2665, 50.5676

### Protanopia

88.2741, -11.2725, 48.7002

### Deuteranopia

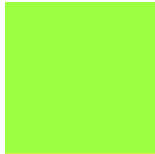
88.2886, -0.1641, 24.6801



## Tritanopia

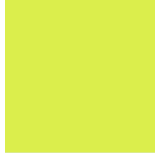
88.5173, -16.1105, -9.1075

# Trichromacy



## Original Color

88.8584, -54.2665, 50.5676



## Protanomaly

87.5962, -28.8016, 48.8442



## Deuteranomaly

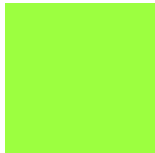
87.3732, -23.0078, 36.8610



## Tritanomaly

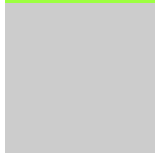
88.0208, -34.1491, 22.3489

# Monochromacy



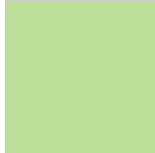
## Original Color

88.8584, -54.2665, 50.5676



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

81.0186, -25.8260, 27.4166

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.8584, -54.2665, 50.5676 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(156, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 64)  
}
```

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(156, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 64) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.8584, -54.2665, 50.5676 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(156, 255, 64) }
```



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

```
.border{ border-color:rgb(156, 255, 64) }
```

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

Here you see how a box with a 4 pixel rgb(156, 255, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
64) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.8584, -54.2665, 50.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 64) }
```

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

```
.background{ background-color: rgb(156,  
255, 64) }
```

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