

# Converting Colors

HunterLab(86.0016, -60.5993,  
49.8211)

Have a look what the booklet for  
HunterLab(86.0016, -60.5993,  
49.8211) contains.

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# Color

**HunterLab(85.9744,  
-60.6155, 49.8349)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79FC32
RGB	121, 252, 50
RGB Percent	47%, 99%, 20%
CMY	0.5255, 0.0117, 0.8039
CMYK	0.52, 0.00, 0.80, 0.01
HSL	99°, 97%, 59%
HSV	99°, 80%, 99%
XYZ	43.2712, 73.9160, 15.0041
YIQ	189.8030, -13.2340, -90.5940

# Conversions

## Conversions Part 2

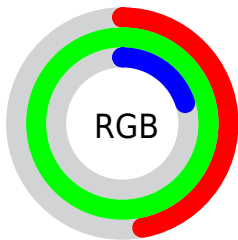
Format	Color
<a href="#">RYB</a>	<a href="#">50, 252, 181</a>
Decimal	<a href="#">7994418</a>
CIELab	<a href="#">88.88, -67.44, 77.53</a>
CIELCh	<a href="#">89, 102.756, 131.019</a>
Yxy	<a href="#">73.9191, 0.3273, 0.5592</a>
Android (android.graphics.Color)	<a href="#">4286184498</a> ( <a href="#">0xFF79FC32</a> )
YUV	<a href="#">189.8030, -68.9229, -60.3402</a>
Hunter-Lab	<a href="#">85.9744, -60.6155, 49.8349</a>

# Details

The HunterLab color **85.9744, -60.6155, 49.8349** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **43.7447, 77.5742, -96.5149**, and the grayscale version is **71.9620, -3.8397, 3.9098**.

A 20% lighter version of the original color is **91.0509, -44.6378, 45.1505**, and **62.6391, -51.0339, 37.7045** is the 20% darker color. If you saturate the color by 10%, you get **85.2500, -63.8202, 50.7813**, and if you desaturate by 10%, it is **86.8805, -56.5824, 47.9764**.

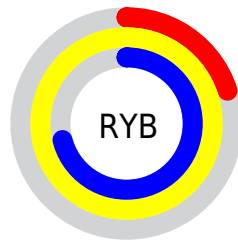
# Distribution



Red (47%)

Green (99%)

Blue (20%)



Red (20%)

Yellow (99%)

Blue (71%)

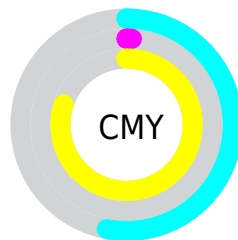


Cyan (52%)

Magenta (0%)

Yellow (80%)

Black (1%)



Cyan (53%)

Magenta (1%)


Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9744, -60.6155, 49.8349 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 85.9744, -60.6155, 49.8349 by changing the saturation by 10% instead.





 85.9744, -60.6155,  
49.8349


 85.9744, -60.6155,  
49.8349


217.7600,  
-93.6606, 88.4364


 73.9783, -56.3646,  
44.8308


 111.7055,  
-68.6460, 59.2954

 62.5970, -51.9098,  
39.6153


 125.3877,  
-72.4703, 63.7912


 51.8679, -47.2067,  
34.1722


 139.5869,  
-76.1916, 68.1543

 41.8333, -42.1922,  
28.6140

 154.2851,  
-79.8237, 72.3996

 32.5450, -36.7774,  
22.7815

 169.4657,  
-83.3780, 76.5399

 24.0688, -30.8328,  
16.8481

185.1139,

 16.4914, -25.1719,

-86.8637, 80.5865

11.5440

201.2162,  
-90.2890, 84.5492

■ 9.9357, -17.3875,  
6.9550

0.0000, NaN, NaN

■ 85.9744, -60.6155,  
49.8349

■ 85.9744, -60.6155,  
49.8349

■ 85.2500, -63.8202,  
50.7813

■ 86.8805, -56.5824,  
47.9764

■ 84.6914, -66.2428,  
51.0267

■ 87.9723, -51.6895,  
45.1072

■ 89.2579, -45.9369,  
41.1720

■ 90.7404, -39.3436,  
36.1472

■ 92.4208, -31.9441,  
30.0361

■ 94.2978, -23.7854,  
22.8634

■ 96.3685, -14.9229,  
14.6703

■ 98.6288, -5.4172,  
5.5105

■ 99.0474, -3.7455,  
4.3345

# Harmonies

## Analogous

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



85.9762, -22.7893, 55.3826



85.9744, -60.6155, 49.8349



85.9762, -79.8796, 30.1167

# Triad

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



85.9762, -60.6171, 49.8353



85.9762, -34.6097, -141.4790



85.9762, 116.4378, 20.8717

# Complementary

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



85.9744, -60.6155, 49.8349



43.7447, 77.5742, -96.5149

# 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.



85.9762, 111.1265, -32.1319



85.9744, -60.6155, 49.8349



85.9762, 15.2571, -149.6217

# Square

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



85.9762, -60.6171, 49.8353



85.9762, -67.5021, -83.4553



85.9762, 70.9087, -101.6858



85.9762, 84.0562, 46.4981



# Rectangle

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



85.9744, -60.6155, 49.8349



85.9762, -83.1511, 2.9797



85.9762, 70.9087, -101.6858



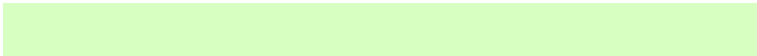
85.9762, 119.1668, 6.3461

# Sweetspot

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



85.9762, -60.6171, 49.8353



94.8156, -27.3862, 26.1034



72.6247, 12.0966, 42.4984



43.5543, -14.0265, 13.2648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9762, -60.6171, 49.8353



86.0476, -66.2276, 51.6609



84.1648, -67.8307, 45.7360



44.2785, -6.5655, 6.4647



61.1846, -47.5541, 36.8692



18.7721, -13.8376, 11.3250



# Inverse Universe

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



43.7447, 77.5742, -96.5149



39.8405, 84.9214, -114.7575



53.3090, 90.4966, -44.8505



41.4747, 2.1613, -2.1178



27.9761, 60.9961, -83.3642

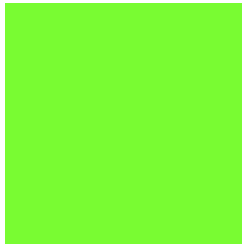


8.8546, 18.9931, -23.9626



# Previews

## White Background



This preview shows how the HunterLab color 85.9744, -60.6155, 49.8349 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

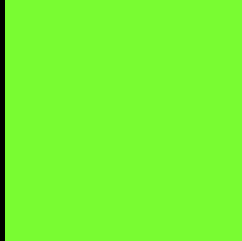
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9744, -60.6155, 49.8349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

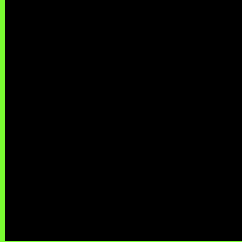
Any Text WCAG AA ✓ Pass

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 85.9744, -60.6155, 49.8349 Background



This preview shows how black text looks on a background with the HunterLab color 85.9744, -60.6155, 49.8349.



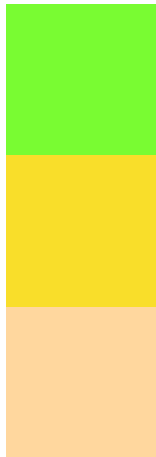
This preview shows how white text looks on a background with the HunterLab color 85.9744, -60.6155, 49.8349.

-60.6155, 49.8349.

# 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

85.9744, -60.6155, 49.8349

### Protanopia

85.1760, -11.5697, 50.7577

### Deuteranopia

85.0468, 1.6806, 29.8837



## Tritanopia

85.7560, -22.8624, -12.3857

# Trichromacy



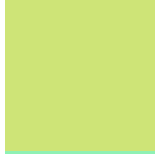
## Original Color

85.9744, -60.6155, 49.8349



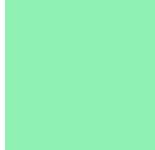
## Protanomaly

84.2756, -33.1719, 49.6029



## Deuteranomaly

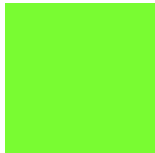
83.6305, -25.7031, 38.7095



## Tritanomaly

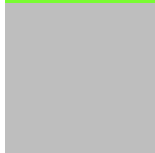
84.8796, -41.2429, 21.4184

# Monochromacy



## Original Color

85.9744, -60.6155, 49.8349



## Achromatopsia

71.7578, -3.8288, 3.8987



## Achromatomaly

75.7970, -29.0931, 27.0899

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9744, -60.6155, 49.8349 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(121, 252, 50)` looks like.

```
.text, #text, p{  
    color:rgb(121, 252, 50)  
}
```

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(121, 252, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 252, 50) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9744, -60.6155, 49.8349 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(121, 252, 50) }
```



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

```
.border{ border-color:rgb(121, 252, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 252, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 252, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 252, 50); box-shadow:4px 4px 4px 4px rgb(121, 252, 50) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9744, -60.6155, 49.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 252, 50) }
```

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

```
.background{ background-color: rgb(121,  
252, 50) }
```

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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