

# Converting Colors

HunterLab(87.4342, -60.4661,  
52.6233)

Have a look what the booklet for  
HunterLab(87.4342, -60.4661,  
52.6233) contains.

<b>HunterLab(87.4342, -60.4661, 52.6233)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(87.4342,  
-60.4661, 52.6233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84FF0A
RGB	132, 255, 10
RGB Percent	52%, 100%, 4%
CMY	0.4824, 0.0000, 0.9606
CMYK	0.48, 0.00, 0.96, 0.00
HSL	90°, 100%, 52%
HSV	90°, 96%, 100%
XYZ	45.3305, 76.4474, 12.6538
YIQ	190.2930, 5.3370, -102.2710

# Conversions

## Conversions Part 2

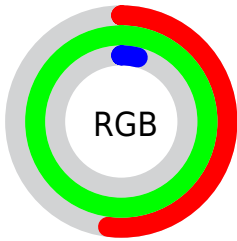
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">10, 255, 133</a>
Decimal	<a href="#">8716042</a>
CIELab	<a href="#">90.07, -66.53, 85.27</a>
CIELCh	<a href="#">90, 108.157, 127.964</a>
Yxy	<a href="#">76.4475, 0.3372, 0.5687</a>
Android (android.graphics.Color)	<a href="#">4286906122</a> ( <a href="#">0xFF84FF0A</a> )
YUV	<a href="#">190.2930, -88.8844, -51.1230</a>
Hunter-Lab	<a href="#">87.4342, -60.4661, 52.6233</a>

# Details

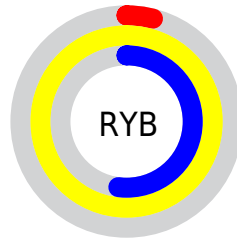
The HunterLab color **87.4342, -60.4661, 52.6233** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **35.2527, 79.2629, -136.0065**, and the grayscale version is **72.2451, -3.8548, 3.9252**.

A 20% lighter version of the original color is **91.5508, -43.0861, 48.6475**, and **64.0229, -50.6575, 38.5637** is the 20% darker color. If you saturate the color by 10%, you get **87.1946, -61.4794, 52.6526**, and if you desaturate by 10%, it is **88.1172, -57.5507, 52.1916**.

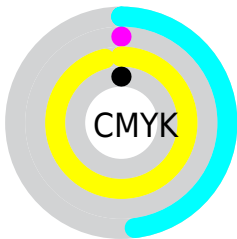
# Distribution



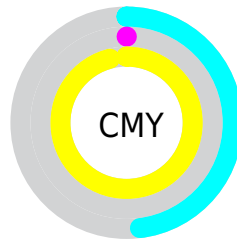
- Red (52%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (52%)



- Cyan (48%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4342, -60.4661, 52.6233 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 87.4342, -60.4661, 52.6233 by changing the saturation by 10% instead.



87.4342, -60.4661,  
52.6233

87.4342, -60.4661,  
52.6233

219.7449,  
-93.0397, 94.5102

75.3655, -56.2876,  
47.1990

113.2957,  
-68.3652, 62.8934

63.9096, -51.9152,  
41.5613

127.0401,  
-72.1318, 67.7773

53.1013, -47.3049,  
35.7034

141.2992,  
-75.7992, 72.5164

42.9820, -42.3969,  
29.9860

156.0553,  
-79.3807, 77.1258

33.6024, -37.1073,  
23.5217

171.2919,  
-82.8870, 81.6188

25.0261, -31.3137,  
17.5183

186.9945,

17.3369, -25.3228,

-86.3274, 86.0072

12.1359

203.1496,  
-89.7094, 90.3013

■ 10.6523, -18.6415,  
7.4566

■ 0.8593, -1.5038,  
0.6015

■ 87.4342, -60.4661,  
52.6233

■ 87.4342, -60.4661,  
52.6233

■ 87.1946, -61.4794,  
52.6526

■ 88.1172, -57.5507,  
52.1916

■ 88.9307, -54.0116,  
50.9062

■ 89.8847, -49.8063,  
48.6320

■ 90.9860, -44.9158,  
45.2825

■ 92.2388, -39.3380,  
40.8054

■ 93.6458, -33.0843,  
35.1756

■ 95.2076, -26.1769,  
28.3905

■ 96.9240, -18.6458,  
20.4660

■ 98.7932, -10.5275,  
11.4329

# Harmonies

## Analogous

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



87.4343, -18.7833, 57.1908



87.4342, -60.4661, 52.6233



87.4343, -82.4223, 34.6132

# Triad

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



87.4343, -60.4659, 52.6226



87.4343, -40.7675, -148.2670



87.4343, 125.9294, 17.5288

# Complementary

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



87.4342, -60.4661, 52.6233



35.2527, 79.2629, -136.0065

# 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.



87.4343, 115.8824, -41.7704



87.4342, -60.4661, 52.6233



87.4343, 10.3995, -163.8603

# Square

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



87.4343, -60.4659, 52.6226



87.4343, -73.1534, -81.9817



87.4343, 69.9762, -116.7369



87.4343, 94.7753, 46.6711



# Rectangle

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



87.4342, -60.4661, 52.6233



87.4343, -86.9682, 8.2434



87.4343, 69.9762, -116.7369



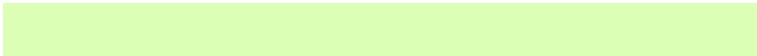
87.4343, 127.3775, 1.1256

# Sweetspot

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



87.4343, -60.4659, 52.6226



94.7330, -28.2712, 30.5019



61.5837, 36.0423, 38.3011



43.5198, -14.4421, 15.4492

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.4343, -60.4659, 52.6226



87.1946, -61.4794, 52.6526



84.6208, -72.2728, 50.6757



45.4008, -6.1923, 6.7841



63.0995, -44.1507, 38.1087



19.8534, -13.1029, 12.0042



# Inverse Universe

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



35.2527, 79.2629, -136.0065



34.3691, 79.8647, -140.6313



53.5704, 104.1728, -69.8752



42.2207, 1.6737, -2.3913



25.0221, 57.9277, -100.7030

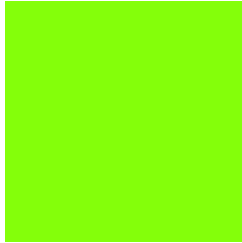


8.2132, 18.5376, -29.3610



# Previews

## White Background



This preview shows how the HunterLab color 87.4342, -60.4661, 52.6233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

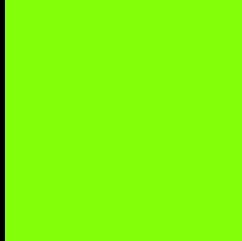
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4342, -60.4661, 52.6233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

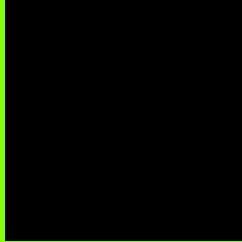
Any Text WCAG AA ✓ Pass

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 87.4342, -60.4661, 52.6233 Background



This preview shows how black text looks on a background with the HunterLab color 87.4342, -60.4661, 52.6233.



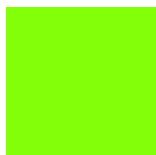
This preview shows how white text looks on a background with the HunterLab color 87.4342, -60.4661, 52.6233.

-60.4661, 52.6233.

# 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



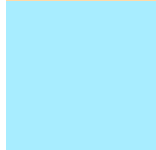
### Original Color

87.4342, -60.4661, 52.6233



### Deuteranopia

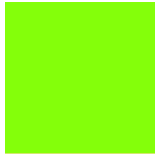
86.4798, 0.8499, 27.5688



### Tritanopia

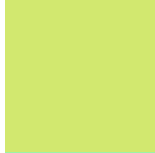
87.2429, -20.7428, -10.8996

# Trichromacy



## Original Color

87.4342, -60.4661, 52.6233



## Deuteranomaly

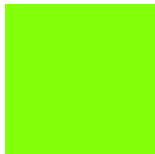
85.1837, -26.8966, 41.5514



## Tritanomaly

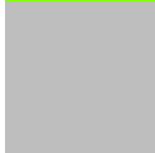
86.2688, -41.8222, 27.6320

# Monochromacy



## Original Color

87.4342, -60.4661, 52.6233



## Achromatopsia

71.7578, -3.8288, 3.8987



## Achromatomaly

76.1635, -29.9071, 31.3044

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4342, -60.4661, 52.6233 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(132, 255, 10)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 10)  
}
```

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(132, 255, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 10) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4342, -60.4661, 52.6233 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(132, 255, 10) }
```

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

```
.border{ border-color:rgb(132, 255, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 10);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
10) }
```



# Background

The CSS property to change the background color of an element to HunterLab 87.4342, -60.4661, 52.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 10) }
```

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

```
.background{ background-color: rgb(132,  
255, 10) }
```

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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