

# Converting Colors

HunterLab(87.2636, -61.1945,  
52.7001)

Have a look what the booklet for  
HunterLab(87.2636, -61.1945,  
52.7001) contains.

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# Color

**HunterLab(87.2852,  
-61.1052, 52.7150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81FF00
RGB	129, 255, 0
RGB Percent	51%, 100%, 0%
CMY	0.4941, 0.0000, 0.9998
CMYK	0.49, 0.00, 1.00, 0.00
HSL	90°, 100%, 50%
HSV	90°, 100%, 100%
XYZ	44.8132, 76.1871, 12.3436
YIQ	188.2560, 6.7590, -106.0170

# Conversions

## Conversions Part 2

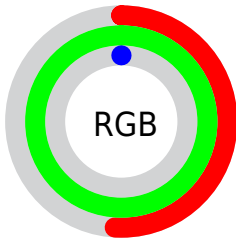
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 126
Decimal	8519424
CIELab	89.95, -67.51, 85.87
CIElCh	90, 109.225, 128.173
Yxy	76.1872, 0.3361, 0.5714
Android (android.graphics.Color)	4286709504 (0xFF81FF00)
YUV	188.2560, -92.8102, -51.9675
Hunter-Lab	87.2852, -61.1052, 52.7150

# Details

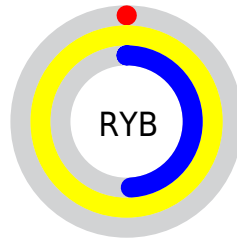
The HunterLab color **87.2852, -61.1052, 52.7150** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **34.1459, 79.6135, -141.8398**, and the grayscale version is **71.4009, -3.8098, 3.8793**.

A 20% lighter version of the original color is **91.3875, -43.7623, 48.8278**, and **63.9236, -51.0763, 38.4953** is the 20% darker color. If you saturate the color by 10%, you get **87.2843, -61.1088, 52.7144**, and if you desaturate by 10%, it is **87.9250, -58.3947, 52.5158**.

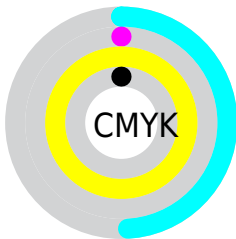
# Distribution



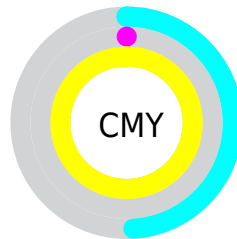
- Red (51%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (49%)



- Cyan (49%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)




- Cyan (49%)
- Magenta (0%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2852, -61.1052, 52.7150 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 87.2852, -61.1052, 52.7150 by changing the saturation by 10% instead.





 87.2852, -61.1052,  
52.7150


 87.2852, -61.1052,  
52.7150


219.5423,  
-94.0898, 94.8782


 75.2237, -56.8680,  
47.2547


 113.1333,  
-69.1113, 63.0544

 63.7753, -52.4325,  
41.5807


 126.8713,  
-72.9271, 67.9712


 52.9751, -47.7540,  
35.6875


 141.1244,  
-76.6415, 72.7420

 42.8645, -42.7714,  
29.9812

 155.8745,  
-80.2679, 77.3820

 33.4941, -37.3991,  
23.4459

 171.1055,  
-83.8173, 81.9044

 24.9280, -31.5127,  
17.4496

 186.8025,

 17.2501, -25.5224,

-87.2991, 86.3212

12.0751

202.9522,  
-90.7210, 90.6428

■ 10.5785, -18.5123,  
7.4049

0.0000, NaN, NaN

■ 87.2852, -61.1052,  
52.7150

■ 87.2852, -61.1052,  
52.7150

■ 87.2843, -61.1088,  
52.7144

■ 87.9250, -58.3947,  
52.5158

■ 88.6845, -55.1166,  
51.5852

■ 89.5788, -51.1947,  
49.7110

■ 90.6159, -46.6017,  
46.7899

■ 91.8009, -41.3289,  
42.7567

■ 93.1370, -35.3821,  
37.5757

■ 94.6258, -28.7785,  
31.2352

■ 96.2673, -21.5445,  
23.7436

■ 98.0604, -13.7132,  
15.1252

# Harmonies

## Analogous

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



87.2853, -19.2610, 57.2692



87.2852, -61.1052, 52.7150



87.2853, -83.0227, 34.5970

# Triad

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



87.2853, -61.1050, 52.7143



87.2853, -40.7597, -150.8078



87.2853, 127.3839, 17.9349

# Complementary

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



87.2852, -61.1052, 52.7150



34.1459, 79.6135, -141.8398

# 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.



87.2853, 117.5023, -41.8047



87.2852, -61.1052, 52.7150



87.2853, 10.9644, -166.2067

# Square

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



87.2853, -61.1050, 52.7143



87.2853, -73.4740, -83.6529



87.2853, 71.1971, -117.9202



87.2853, 95.5641, 46.9804



# Rectangle

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



87.2852, -61.1052, 52.7150



87.2853, -87.5007, 7.9119



87.2853, 71.1971, -117.9202



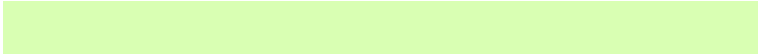
87.2853, 128.9552, 1.4676

# Sweetspot

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



87.2853, -61.1050, 52.7143



94.6234, -28.7890, 31.2457



59.5761, 40.6268, 37.4206



43.4782, -14.6434, 15.7575

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.2853, -61.1050, 52.7143



87.2843, -61.1088, 52.7144



84.5859, -72.4480, 50.8523



45.4088, -6.1637, 6.7933



63.1645, -43.8823, 38.1535



19.8738, -13.0198, 12.0182



# Inverse Universe

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



34.1459, 79.6135, -141.8398



34.1425, 79.6161, -141.8582



52.6154, 103.8232, -72.3704



42.2120, 1.6443, -2.4030



24.8588, 57.7471, -101.5762

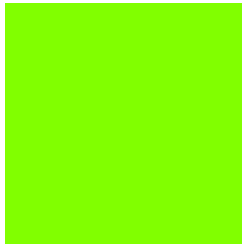


8.1642, 18.4805, -29.6009



# Previews

## White Background



This preview shows how the HunterLab color 87.2852, -61.1052, 52.7150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

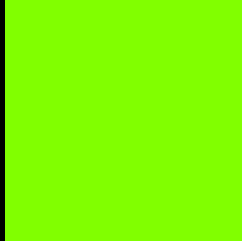
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.2852, -61.1052, 52.7150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

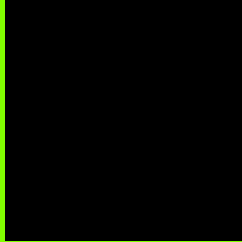
Any Text WCAG AA ✓ Pass

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 87.2852, -61.1052, 52.7150 Background



This preview shows how black text looks on a background with the HunterLab color 87.2852, -61.1052, 52.7150.



This preview shows how white text looks on a background with the HunterLab color 87.2852, -61.1052, 52.7150.

-61.1052, 52.7150.

# 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

87.2852, -61.1052, 52.7150

### Protanopia

86.4483, -12.0472, 53.0581

### Deuteranopia

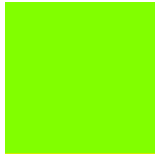
86.4582, 0.7327, 27.8833



## Tritanopia

87.0561, -21.4276, -11.1646

# Trichromacy



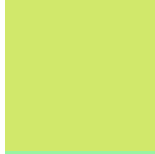
## Original Color

87.2852, -61.1052, 52.7150



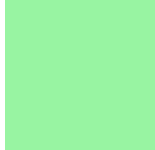
## Protanomaly

85.6743, -33.2391, 52.2102



## Deuteranomaly

85.0471, -27.5092, 42.2268



## Tritanomaly

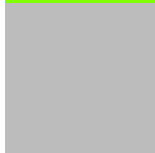
86.0148, -42.9853, 28.6874

# Monochromacy



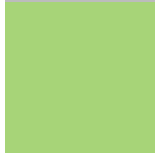
## Original Color

87.2852, -61.1052, 52.7150



## Achromatopsia

70.9145, -3.7838, 3.8529



## Achromatomaly

75.2719, -30.0637, 31.8594

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.2852, -61.1052, 52.7150 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(129, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 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(129, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.2852, -61.1052, 52.7150 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(129, 255, 0) }
```



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

```
.border{ border-color:rgb(129, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.2852, -61.1052, 52.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 0) }
```

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

```
.background{ background-color: rgb(129,  
255, 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](#).

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