

# Converting Colors

HunterLab(87.0140, -61.8084,  
49.2890)

Have a look what the booklet for  
HunterLab(87.0140, -61.8084,  
49.2890) contains.

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# Color

**HunterLab(87.0232,  
-61.7755, 49.3379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76FF3F
RGB	118, 255, 63
RGB Percent	46%, 100%, 25%
CMY	0.5373, 0.0000, 0.7529
CMYK	0.54, 0.00, 0.75, 0.00
HSL	103°, 100%, 62%
HSV	103°, 75%, 100%
XYZ	44.1284, 75.7304, 16.9942
YIQ	192.1490, -20.0200, -88.7560

# Conversions

## Conversions Part 2

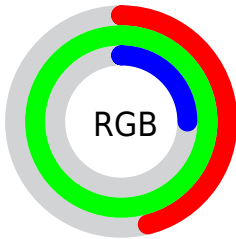
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 255, 200</a>
Decimal	<a href="#">7798591</a>
CIELab	<a href="#">89.73, -68.58, 74.62</a>
CIELCh	<a href="#">90, 101.347, 132.588</a>
Yxy	<a href="#">75.7305, 0.3224, 0.5534</a>
Android (android.graphics.Color)	<a href="#">4285988671 (0xFF76FF3F)</a>
YUV	<a href="#">192.1490, -63.6705, -65.0287</a>
Hunter-Lab	<a href="#">87.0232, -61.7755, 49.3379</a>

# Details

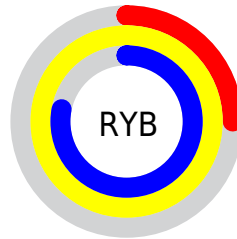
The HunterLab color **87.0232, -61.7755, 49.3379** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **48.0169, 78.2343, -85.8618**, and the grayscale version is **72.9330, -3.8915, 3.9626**.

A 20% lighter version of the original color is **90.9801, -44.6536, 43.0680**, and **63.5972, -52.4592, 38.2699** is the 20% darker color. If you saturate the color by 10%, you get **86.2293, -65.3336, 50.7579**, and if you desaturate by 10%, it is **88.0248, -57.2593, 46.9449**.

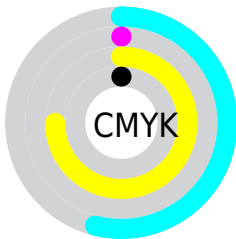
# Distribution



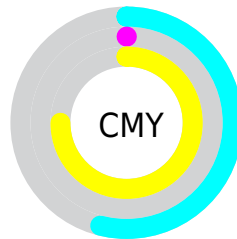
- Red (46%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0232, -61.7755, 49.3379 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 87.0232, -61.7755, 49.3379 by changing the saturation by 10% instead.



87.0232, -61.7755,  
49.3379

87.0232, -61.7755,  
49.3379

219.1859,  
-95.2238, 86.5654

74.9744, -57.4714,  
44.5193

112.8476,  
-69.9028, 58.4459

63.5394, -52.9641,  
39.4959

126.5745,  
-73.7744, 62.7771

52.7533, -48.2073,  
34.2467

140.8169,  
-77.5418, 66.9826

42.6578, -43.1388,  
28.7787

155.5566,  
-81.2187, 71.0768

33.3038, -37.6709,  
23.3127

170.7775,  
-84.8166, 75.0721

24.7556, -31.6766,  
17.3289

186.4648,

17.0977, -25.7218,

-88.3449, 78.9793

11.9684

202.6051,  
-91.8117, 82.8077

■ 10.4490, -18.2858,  
7.3143

0.0000, NaN, NaN

■ 87.0232, -61.7755,  
49.3379

■ 87.0232, -61.7755,  
49.3379

■ 86.2293, -65.3336,  
50.7579

■ 88.0248, -57.2593,  
46.9449


■ 85.6288, -67.9846,  
51.3329


■ 89.2433, -51.7702,  
43.5071


■ 85.4038, -68.9665,  
51.4180


■ 90.6842, -45.3194,  
38.9885

■ 92.3500, -37.9406,  
33.3852

 94.2403, -29.6847,  
26.7190

 96.3524, -20.6149,  
19.0315

 98.6817, -10.8025,  
10.3793

 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.



87.0233, -25.0909, 55.5393



87.0232, -61.7755, 49.3379



87.0233, -80.0995, 28.3688

# Triad

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



87.0233, -61.7752, 49.3372



87.0233, -32.2039, -140.4773



87.0233, 113.8523, 22.7831

# Complementary

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



87.0232, -61.7755, 49.3379



48.0169, 78.2343, -85.8618

# 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.



87.0233, 110.6871, -28.2235



87.0232, -61.7755, 49.3379



87.0233, 17.8757, -145.2959

# Square

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



87.0233, -61.7752, 49.3372



87.0233, -65.9399, -85.5160



87.0233, 72.5405, -96.3328



87.0233, 80.3887, 47.2805



# Rectangle

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



87.0232, -61.7755, 49.3379



87.0233, -82.8038, 0.3987



87.0233, 72.5405, -96.3328



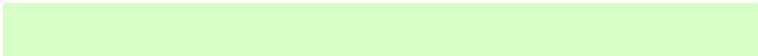
87.0233, 117.2246, 8.8627

# Sweetspot

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



87.0233, -61.7752, 49.3372



94.7048, -27.6760, 25.0460



78.5712, 3.7967, 44.9323



43.4784, -14.2605, 12.7965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0233, -61.7752, 49.3372



85.9235, -66.6903, 51.1238



85.7465, -66.4144, 43.0884



45.1885, -6.9501, 6.5410



61.7873, -49.6300, 37.2042



19.4159, -14.9136, 11.7029



# Inverse Universe

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



48.0169, 78.2343, -85.8618



43.3468, 86.6385, -101.1781



54.5938, 85.8926, -35.8535



42.4543, 2.4625, -2.0770



30.0771, 64.0507, -77.7942

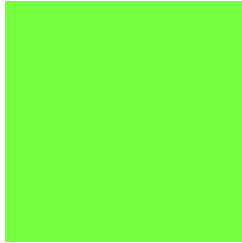


9.6768, 20.3676, -23.1718



# Previews

## White Background



This preview shows how the HunterLab color 87.0232, -61.7755, 49.3379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

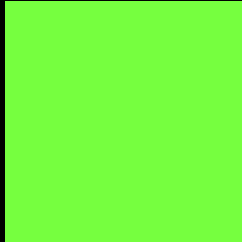
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0232, -61.7755, 49.3379 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

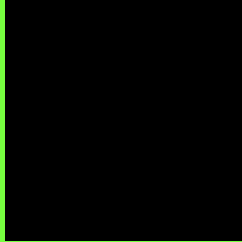
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

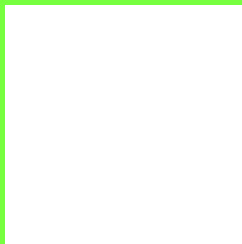
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 87.0232, -61.7755, 49.3379 Background



This preview shows how black text looks on a background with the HunterLab color 87.0232, -61.7755, 49.3379.



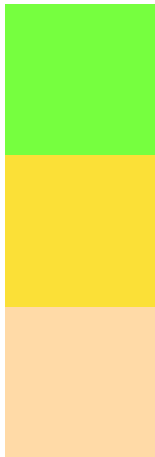
This preview shows how white text looks on a background with the HunterLab color 87.0232, -61.7755, 49.3379.

-61.7755, 49.3379.

# 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

87.0232, -61.7755, 49.3379

### Protanopia

86.0793, -11.4355, 50.3519

### Deuteranopia

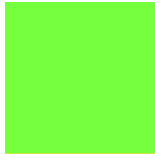
86.1353, 1.1364, 27.9310



## Tritanopia

86.6945, -22.7583, -11.6796

# Trichromacy



## Original Color

87.0232, -61.7755, 49.3379



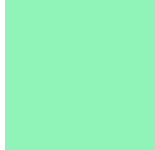
## Protanomaly

85.0992, -33.3470, 49.0650



## Deuteranomaly

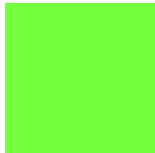
84.6853, -26.5468, 37.1772



## Tritanomaly

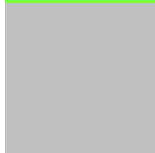
86.1008, -41.6094, 20.7199

# Monochromacy



## Original Color

87.0232, -61.7755, 49.3379



## Achromatopsia

72.6027, -3.8739, 3.9446



## Achromatomaly

76.5797, -29.2909, 25.9353

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0232, -61.7755, 49.3379 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(118, 255, 63)` looks like.

```
.text, #text, p{  
    color:rgb(118, 255, 63)  
}
```

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(118, 255, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 255, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0232, -61.7755, 49.3379 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(118, 255, 63) }
```



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

```
.border{ border-color:rgb(118, 255, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 255, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 255, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 255, 63);  
box-shadow:4px 4px 4px 4px rgb(118, 255,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0232, -61.7755, 49.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 255, 63) }
```

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

```
.background{ background-color: rgb(118,  
255, 63) }
```

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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