

# Converting Colors

HunterLab(87.3167, -57.7797,  
27.9650)

Have a look what the booklet for  
HunterLab(87.3167, -57.7797,  
27.9650) contains.

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# Color

**HunterLab(87.3163,  
-57.7820, 27.9677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55FFA7
RGB	85, 255, 167
RGB Percent	33%, 100%, 65%
CMY	0.6667, 0.0000, 0.3451
CMYK	0.67, 0.00, 0.35, 0.00
HSL	149°, 100%, 67%
HSV	149°, 67%, 100%
XYZ	46.4814, 76.2414, 48.8254
YIQ	194.1380, -73.0720, -63.4080

# Conversions

## Conversions Part 2

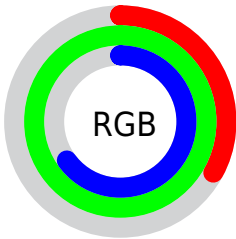
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 200, 255
Decimal	5636007
CIELab	89.97, -62.84, 29.63
CIELCh	90, 69.477, 154.760
Yxy	76.2416, 0.2710, 0.4444
Android (android.graphics.Color)	4283826087 (0xFF55FFA7)
YUV	194.1380, -13.3790, -95.7140
Hunter-Lab	87.3163, -57.7820, 27.9677

# Details

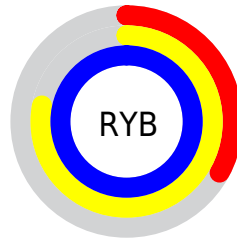
The HunterLab color **87.3163, -57.7820, 27.9677** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **55.4750, 70.3394, -6.8398**, and the grayscale version is **73.5855, -3.9263, 3.9980**.

A 20% lighter version of the original color is **91.3384, -38.9866, 10.2831**, and **64.1462, -48.2440, 23.9676** is the 20% darker color. If you saturate the color by 10%, you get **86.4823, -61.7455, 31.3088**, and if you desaturate by 10%, it is **88.4143, -52.7460, 24.5283**.

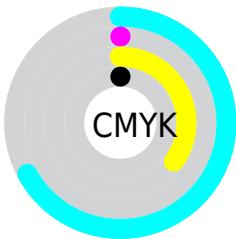
# Distribution



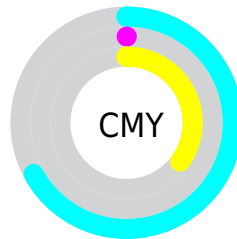
- Red (33%)
- Green (100%)
- Blue (65%)



- Red (33%)
- Yellow (78%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)




- Cyan (67%)
- Magenta (0%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3163, -57.7820, 27.9677 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 87.3163, -57.7820, 27.9677 by changing the saturation by 10% instead.





 87.3163, -57.7820,  
27.9677

 87.3163, -57.7820,  
27.9677


219.5847,  
-88.8445, 46.0665


 75.2533, -53.8149,  
25.7972


 113.1673,  
-65.2911, 32.1631


 63.8034, -49.6689,  
23.5629


 126.9066,  
-68.8774, 34.2077

 53.0015, -45.3019,  
21.2463


 141.1610,  
-72.3725, 36.2256

 42.8891, -40.6578,  
18.8234

 155.9123,  
-75.7887, 38.2220

 33.5168, -35.6569,  
16.2603

171.1445,  
-79.1362, 40.2011

 24.9485, -30.1826,  
13.5086


186.8427,

 17.2683, -24.3551,


-82.4235, 42.1663


10.9337


202.9935,  
-85.6575, 44.1207


 10.5939, -18.5393,  
7.4157


0.0000, NaN, NaN


 87.3163, -57.7820,  
27.9677


 87.3163, -57.7820,  
27.9677


 86.4823, -61.7455,  
31.3088


 88.4143, -52.7460,  
24.5283


 85.8903, -64.6890,  
34.5044

 89.7902, -46.6325,  
21.0419

 85.5089, -66.7176,  
37.5044

 91.4522, -39.4693,  
17.5554

 85.4108, -67.2623,  
38.4440

 93.4035, -31.3127,  
14.1132

■ 95.6428, -22.2402,  
10.7548

■ 98.1652, -12.3427,  
7.5141

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.



87.3164, -39.9582, 42.7964



87.3163, -57.7820, 27.9677



87.3164, -62.3331, -0.7534

# Triad

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



87.3164, -57.7812, 27.9670



87.3164, 1.0169, -86.6801



87.3164, 58.0997, 34.0411

# Complementary

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



87.3163, -57.7820, 27.9677



55.4750, 70.3394, -6.8398

# 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.



87.3164, 73.4278, 9.9223



87.3163, -57.7820, 27.9677



87.3164, 37.3153, -66.2979

# Square

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



87.3164, -57.7812, 27.9670



87.3164, -31.6589, -75.7115



87.3164, 65.2785, -27.3533



87.3164, 26.0706, 45.2053



# Rectangle

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



87.3163, -57.7820, 27.9677



87.3164, -57.9591, -26.6955



87.3164, 65.2785, -27.3533



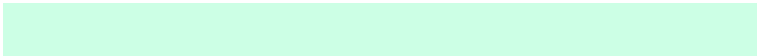
87.3164, 65.5884, 27.6231

# Sweetspot

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



87.3164, -57.7812, 27.9670



94.8642, -25.3621, 11.8633



90.2039, -48.5660, 49.0835



43.5963, -12.9169, 5.9250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3164, -57.7812, 27.9670



86.2592, -62.8366, 32.3931



89.6169, -43.9782, -5.0227



45.0712, -7.0466, 3.8958



61.7639, -48.4709, 27.4352



19.3294, -14.7721, 7.7286



# Inverse Universe

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



55.4750, 70.3394, -6.8398



51.0375, 80.2236, -3.9945



53.3922, 61.5636, 23.0696



42.5959, 2.5716, 0.9569



34.6549, 61.9470, 2.2432

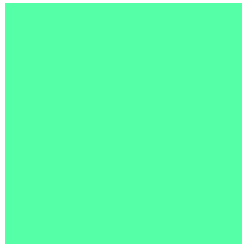


10.9153, 19.6987, -0.7447



# Previews

## White Background



This preview shows how the HunterLab color 87.3163, -57.7820, 27.9677 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

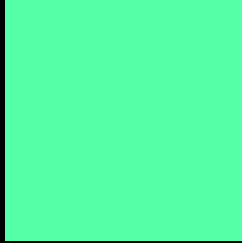
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3163, -57.7820, 27.9677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

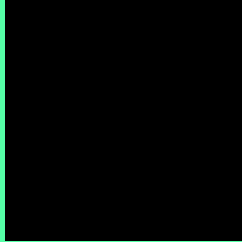
Any Text WCAG AA ✓ Pass

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 87.3163, -57.7820, 27.9677 Background



This preview shows how black text looks on a background with the HunterLab color 87.3163, -57.7820, 27.9677.



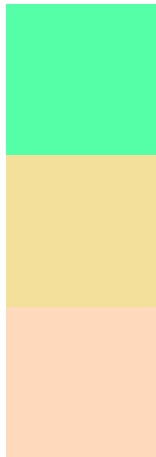
This preview shows how white text looks on a background with the HunterLab color 87.3163, -57.7820, 27.9677.

-57.7820, 27.9677.

# 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

87.3163, -57.7820, 27.9677

### Protanopia

86.4286, -7.8148, 32.1478

### Deuteranopia

86.2981, 4.1558, 20.9490



## Tritanopia

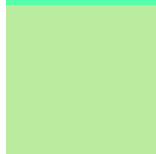
86.8545, -25.6149, -11.5117

# Trichromacy



## Original Color

87.3163, -57.7820, 27.9677



## Protanomaly

85.0641, -30.8974, 29.0128



## Deuteranomaly

84.7258, -24.3769, 21.5641



## Tritanomaly

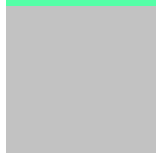
86.6419, -39.1858, 4.9292

# Monochromacy



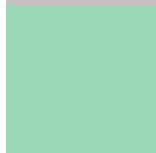
## Original Color

87.3163, -57.7820, 27.9677



## Achromatopsia

73.4493, -3.9191, 3.9906



## Achromatomaly

77.0989, -27.1872, 12.1593

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3163, -57.7820, 27.9677 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(85, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(85, 255, 167)  
}
```

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(85, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 255, 167) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3163, -57.7820, 27.9677 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(85, 255, 167) }
```



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

```
.border{ border-color:rgb(85, 255, 167) }
```

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

Here you see how a box with a 4 pixel rgb(85, 255, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(85, 255,  
167) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3163, -57.7820, 27.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 255, 167) }
```

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

```
.background{ background-color: rgb(85, 255,  
167) }
```

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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