

# Converting Colors

HunterLab(87.0135, -59.1983,  
29.0418)

Have a look what the booklet for  
HunterLab(87.0135, -59.1983,  
29.0418) contains.

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# Color

**HunterLab(87.0300,  
-59.1217, 28.9865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFFA3
RGB	77, 255, 163
RGB Percent	30%, 100%, 64%
CMY	0.6980, 0.0000, 0.3608
CMYK	0.70, 0.00, 0.36, 0.00
HSL	149°, 100%, 65%
HSV	149°, 70%, 100%
XYZ	45.4315, 75.7422, 46.8757
YIQ	191.2900, -76.5560, -66.3480

# Conversions

## Conversions Part 2

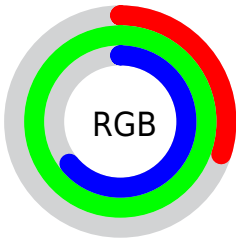
Format	Color
<a href="#">RYB</a>	<a href="#">77, 197, 255</a>
Decimal	<a href="#">5111715</a>
CIELab	<a href="#">89.74, -64.83, 31.29</a>
CIELCh	<a href="#">90, 71.989, 154.236</a>
Yxy	<a href="#">75.7424, 0.2703, 0.4507</a>
Android (android.graphics.Color)	<a href="#">4283301795 (0xFF4DFFA3)</a>
YUV	<a href="#">191.2900, -13.9470, -100.2323</a>
Hunter-Lab	<a href="#">87.0300, -59.1217, 28.9865</a>

# Details

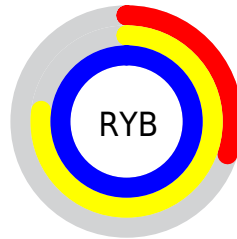
The HunterLab color **87.0300, -59.1217, 28.9865** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **54.2522, 73.0418, -6.3138**, and the grayscale version is **72.3835, -3.8622, 3.9327**.

A 20% lighter version of the original color is **90.9357, -40.8339, 12.0724**, and **64.0767, -48.6735, 24.9818** is the 20% darker color. If you saturate the color by 10%, you get **86.2747, -62.7565, 32.2854**, and if you desaturate by 10%, it is **88.0433, -54.4256, 25.5750**.

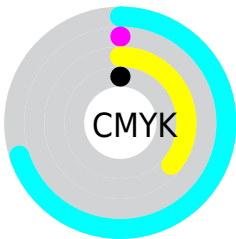
# Distribution



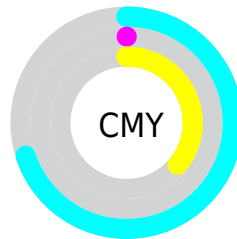
- Red (30%)
- Green (100%)
- Blue (64%)



- Red (30%)
- Yellow (77%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




- Cyan (70%)
- Magenta (0%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0300, -59.1217, 28.9865 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 87.0300, -59.1217, 28.9865 by changing the saturation by 10% instead.





 87.0300, -59.1217,  
28.9865


 87.0300, -59.1217,  
28.9865


219.1952,  
-91.0188, 47.7557

 74.9809, -55.0357,  
26.7207


 112.8551,  
-66.8478, 33.3560


 63.5456, -50.7619,  
24.3844


 126.5823,  
-70.5341, 35.4809

 52.7591, -46.2567,  
21.9578


 140.8249,  
-74.1245, 37.5753

 42.6632, -41.4613,  
19.4152

 155.5649,  
-77.6319, 39.6450

 33.3088, -36.2929,  
16.7206

170.7861,  
-81.0668, 41.6943

 24.7601, -30.6304,  
13.8237

186.4737,

 17.1016, -24.7678,

-84.4382, 43.7272

11.3064

202.6142,  
-87.7534, 45.7468

■ 10.4524, -18.2917,  
7.3167

0.0000, NaN, NaN

■ 87.0300, -59.1217,  
28.9865

■ 87.0300, -59.1217,  
28.9865

■ 86.2747, -62.7565,  
32.2854

■ 88.0433, -54.4256,  
25.5750

■ 85.7529, -65.3981,  
35.4247

■ 89.3305, -48.6507,  
22.1023

■ 85.4195, -67.2120,  
38.3458

■ 90.9019, -41.8141,  
18.6160

■ 85.4138, -67.2439,  
38.4004

■ 92.7619, -33.9643,  
15.1616

■ 94.9107, -25.1728,  
11.7803

■ 97.3444, -15.5271,  
8.5076

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.



87.0301, -40.6171, 43.7533



87.0300, -59.1217, 28.9865



87.0301, -64.0094, -0.3237

# Triad

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



87.0301, -59.1209, 28.9858



87.0301, 0.5802, -91.2067



87.0301, 61.0763, 34.4796

# Complementary

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



87.0300, -59.1217, 28.9865



54.2522, 73.0418, -6.3138

# 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.



87.0301, 76.6943, 9.5115



87.0300, -59.1217, 28.9865



87.0301, 38.3162, -70.2044

# Square

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



87.0301, -59.1209, 28.9858



87.0301, -33.0200, -79.0459



87.0301, 67.7505, -29.4421



87.0301, 27.8991, 45.8884



# Rectangle

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



87.0300, -59.1217, 28.9865



87.0301, -59.6999, -27.2519



87.0301, 67.7505, -29.4421



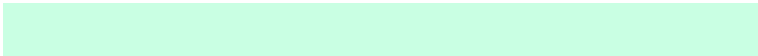
87.0301, 68.7810, 27.8692

# Sweetspot

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



87.0301, -59.1209, 28.9858



94.6382, -26.2727, 12.1802



89.8995, -49.9083, 49.8908



43.5006, -13.3060, 6.0643

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0301, -59.1209, 28.9858



86.0290, -63.9808, 33.6256



89.4101, -44.8076, -5.1574



45.0715, -7.0451, 3.8918



61.7661, -48.4575, 27.4036



19.3301, -14.7678, 7.7186



# Inverse Universe

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



54.2522, 73.0418, -6.3138



50.0830, 82.1957, -2.6179



52.1459, 64.3347, 23.9679



42.5956, 2.5700, 0.9611



34.6508, 61.9318, 2.3030

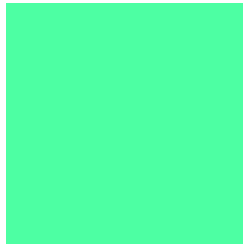


10.9140, 19.6940, -0.7263



# Previews

## White Background



This preview shows how the HunterLab color 87.0300, -59.1217, 28.9865 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 87.0300, -59.1217, 28.9865 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

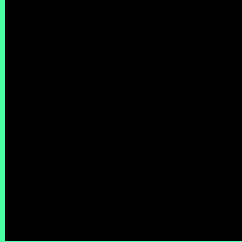
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

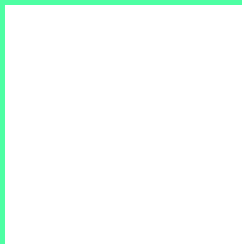
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.0300, -59.1217, 28.9865 Background



This preview shows how black text looks on a background with the HunterLab color 87.0300, -59.1217, 28.9865.



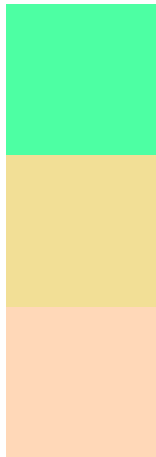
This preview shows how white text looks on a background with the HunterLab color 87.0300,

-59.1217, 28.9865.

# 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

87.0300, -59.1217, 28.9865

### Protanopia

85.9387, -8.0919, 32.9066

### Deuteranopia

85.9258, 4.2853, 21.7318



## Tritanopia

86.6395, -26.4158, -11.8185

# Trichromacy



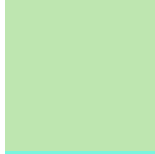
## Original Color

87.0300, -59.1217, 28.9865



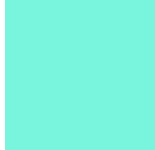
## Protanomaly

84.6926, -32.4695, 29.9096



## Deuteranomaly

84.0686, -25.3116, 22.3916



## Tritanomaly

86.3966, -40.2007, 5.1083

# Monochromacy



## Original Color

87.0300, -59.1217, 28.9865



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

76.1008, -27.7084, 12.3488

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0300, -59.1217, 28.9865 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(77, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 163)  
}
```

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(77, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 163) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0300, -59.1217, 28.9865 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(77, 255, 163) }
```



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

```
.border{ border-color:rgb(77, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
163) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0300, -59.1217, 28.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 163) }
```

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

```
.background{ background-color: rgb(77, 255,  
163) }
```

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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