

# Converting Colors

HunterLab(86.9976, -59.2963,  
29.2788)

Have a look what the booklet for  
HunterLab(86.9976, -59.2963,  
29.2788) contains.

<b>HunterLab(87.0094, -59.2470, 29.2850)</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> .....	31

# Color

**HunterLab(87.0094,  
-59.2470, 29.2850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFFA2
RGB	77, 255, 162
RGB Percent	30%, 100%, 64%
CMY	0.6980, 0.0000, 0.3647
CMYK	0.70, 0.00, 0.36, 0.00
HSL	149°, 100%, 65%
HSV	149°, 70%, 100%
XYZ	45.3421, 75.7064, 46.4054
YIQ	191.1760, -76.2350, -66.6590

# Conversions

## Conversions Part 2

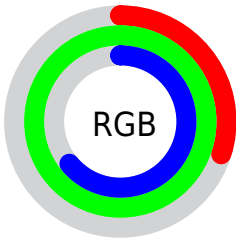
Format	Color
<a href="#">RYB</a>	<a href="#">77, 197, 255</a>
Decimal	<a href="#">5111714</a>
CIELab	<a href="#">89.72, -65.02, 31.77</a>
CIELCh	<a href="#">90, 72.364, 153.959</a>
Yxy	<a href="#">75.7067, 0.2708, 0.4521</a>
Android (android.graphics.Color)	<a href="#">4283301794 (0xFF4DFFA2)</a>
YUV	<a href="#">191.1760, -14.3838, -100.1324</a>
Hunter-Lab	<a href="#">87.0094, -59.2470, 29.2850</a>

# Details

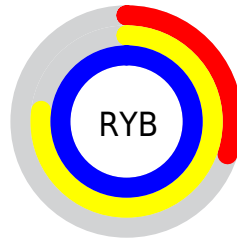
The HunterLab color **87.0094, -59.2470, 29.2850** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **54.2868, 73.1837, -6.8033**, and the grayscale version is **72.3370, -3.8597, 3.9302**.

A 20% lighter version of the original color is **90.9070, -41.0026, 12.4842**, and **64.0598, -48.7781, 25.2287** is the 20% darker color. If you saturate the color by 10%, you get **86.2535, -62.8872, 32.5950**, and if you desaturate by 10%, it is **88.0240, -54.5419, 25.8540**.

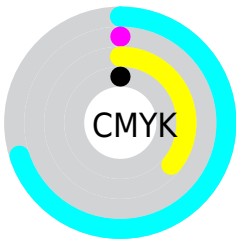
# Distribution



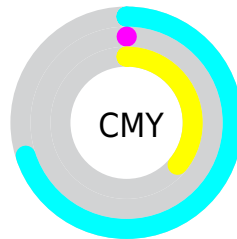
- Red (30%)
- Green (100%)
- Blue (64%)



- 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 87.0094, -59.2470, 29.2850 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 87.0094, -59.2470, 29.2850 by changing the saturation by 10% instead.





 87.0094, -59.2470,  
29.2850


 87.0094, -59.2470,  
29.2850


219.1673,  
-91.2216, 48.2465

 74.9613, -55.1500,  
26.9921


 112.8327,  
-66.9933, 33.7044

 63.5271, -50.8645,  
24.6267


 126.5590,  
-70.6888, 35.8522

 52.7417, -46.3465,  
22.1689


 140.8008,  
-74.2880, 37.9687

 42.6470, -41.5371,  
19.5923

 155.5400,  
-77.8039, 40.0593

 33.2939, -36.3533,  
16.8608

170.7604,  
-81.2469, 42.1289

 24.7466, -30.6735,  
13.9233

186.4472,

 17.0897, -24.8087,

-84.6261, 44.1812

11.4205

202.5869,  
-87.9488, 46.2195

■ 10.4423, -18.2740,  
7.3096

0.0000, NaN, NaN

■ 87.0094, -59.2470,  
29.2850

■ 87.0094, -59.2470,  
29.2850

■ 86.2535, -62.8872,  
32.5950

■ 88.0240, -54.5419,  
25.8540

■ 85.7316, -65.5302,  
35.7369

■ 89.3131, -48.7544,  
22.3533

■ 85.3986, -67.3420,  
38.6525

■ 90.8869, -41.9019,  
18.8307

■ 85.3929, -67.3737,  
38.7069

■ 92.7500, -34.0332,  
15.3323

■ 94.9023, -25.2205,  
11.8999

■ 97.3400, -15.5515,  
8.5696

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.



87.0096, -40.5489, 43.9584



87.0094, -59.2470, 29.2850



87.0096, -64.2770, -0.0100

# Triad

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



87.0096, -59.2463, 29.2843



87.0096, 0.2612, -91.9233



87.0096, 61.7032, 34.4308

# Complementary

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



87.0094, -59.2470, 29.2850



54.2868, 73.1837, -6.8033

# 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.



87.0096, 77.2109, 9.2292



87.0094, -59.2470, 29.2850



87.0096, 38.2234, -71.0285

# Square

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



87.0096, -59.2463, 29.2843



87.0096, -33.4188, -79.3588



87.0096, 67.9818, -30.0495



87.0096, 28.4291, 45.9523



# Rectangle

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



87.0094, -59.2470, 29.2850



87.0096, -60.0380, -27.0444



87.0096, 67.9818, -30.0495



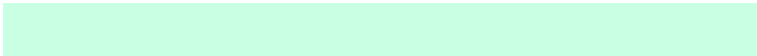
87.0096, 69.3953, 27.7579

# Sweetspot

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



87.0096, -59.2463, 29.2843



94.6294, -26.3228, 12.3062



89.8995, -49.9084, 49.8909



43.4960, -13.3320, 6.1293

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0096, -59.2463, 29.2843



86.0076, -64.1124, 33.9372



89.4101, -44.8076, -5.1574



45.0696, -7.0560, 3.9197



61.7509, -48.5518, 27.6262



19.3253, -14.7977, 7.7891



# Inverse Universe

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



54.2868, 73.1837, -6.8033



50.1224, 82.3448, -3.1755



52.1458, 64.3349, 23.9680



42.5977, 2.5811, 0.9316



34.6805, 62.0401, 1.8779

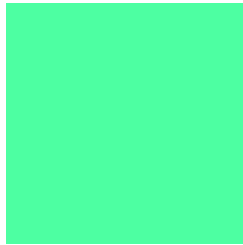


10.9232, 19.7274, -0.8568



# Previews

## White Background



This preview shows how the HunterLab color 87.0094, -59.2470, 29.2850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

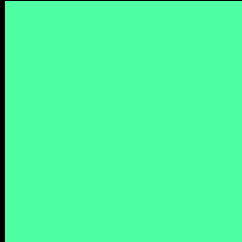
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0094, -59.2470, 29.2850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

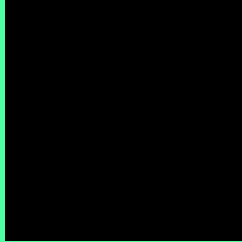
Any Text WCAG AA ✓ Pass

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 87.0094, -59.2470, 29.2850 Background



This preview shows how black text looks on a background with the HunterLab color 87.0094, -59.2470, 29.2850.



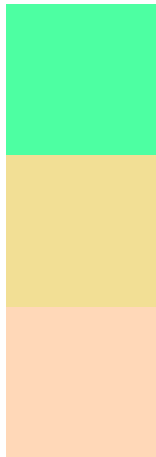
This preview shows how white text looks on a background with the HunterLab color 87.0094,

-59.2470, 29.2850.

# 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

87.0094, -59.2470, 29.2850

### Protanopia

85.9200, -8.1949, 33.1790

### Deuteranopia

85.9258, 4.2853, 21.7318



## Tritanopia

86.6395, -26.4158, -11.8185

# Trichromacy



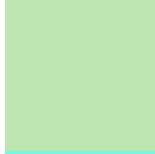
## Original Color

87.0094, -59.2470, 29.2850



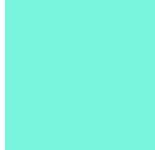
## Protanomaly

84.6728, -32.5843, 30.1974



## Deuteranomaly

84.0686, -25.3116, 22.3916



## Tritanomaly

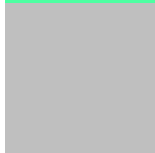
86.3656, -40.3830, 5.5500

# Monochromacy



## Original Color

87.0094, -59.2470, 29.2850



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

76.0739, -27.8641, 12.7353

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0094, -59.2470, 29.2850 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 162) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0094, -59.2470, 29.2850 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, 162) }
```



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

```
.border{ border-color:rgb(77, 255, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
162) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0094, -59.2470, 29.2850 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, 162) }
```

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

```
.background{ background-color: rgb(77, 255,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor