

# Converting Colors

HunterLab(86.4070, -61.9134,  
30.1239)

Have a look what the booklet for  
HunterLab(86.4070, -61.9134,  
30.1239) contains.

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# Color

**HunterLab(86.4049,  
-61.9409, 30.2697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF9D
RGB	51, 255, 157
RGB Percent	20%, 100%, 62%
CMY	0.8000, 0.0000, 0.3843
CMYK	0.80, 0.00, 0.38, 0.00
HSL	151°, 100%, 60%
HSV	151°, 80%, 100%
XYZ	43.2110, 74.6581, 44.0313
YIQ	182.8320, -90.1260, -73.7260

# Conversions

## Conversions Part 2

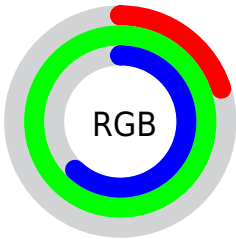
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 185, 255
Decimal	3407773
CIELab	89.23, -69.12, 33.54
CIELCh	89, 76.830, 154.119
Yxy	74.6584, 0.2669, 0.4611
Android (android.graphics.Color)	4281597853 (0xFF33FF9D)
YUV	182.8320, -12.7352, -115.6167
Hunter-Lab	86.4049, -61.9409, 30.2697

# Details

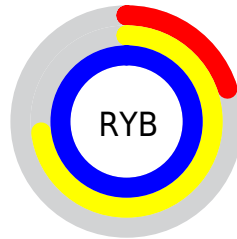
The HunterLab color **86.4049, -61.9409, 30.2697** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **50.7919, 79.2722, -0.5071**, and the grayscale version is **68.8229, -3.6722, 3.7393**.

A 20% lighter version of the original color is **90.0107, -44.7805, 13.6516**, and **63.9941, -49.1852, 26.1896** is the 20% darker color. If you saturate the color by 10%, you get **85.8894, -64.5467, 33.3716**, and if you desaturate by 10%, it is **87.1501, -58.3654, 27.0584**.

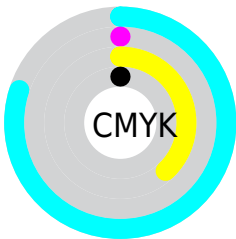
# Distribution



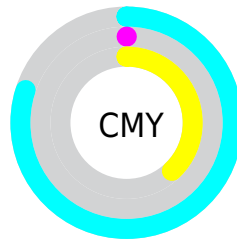
- Red (20%)
- Green (100%)
- Blue (62%)



- Red (20%)
- Yellow (73%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.4049, -61.9409, 30.2697 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 86.4049, -61.9409, 30.2697 by changing the saturation by 10% instead.





 86.4049, -61.9409,  
30.2697


 86.4049, -61.9409,  
30.2697


218.3444,  
-95.6549, 49.9569


 74.3862, -57.5954,  
27.8727


 112.1734,  
-70.1402, 34.8786

 62.9829, -53.0429,  
25.3956


 125.8739,  
-74.0442, 37.1136

 52.2304, -48.2358,  
22.8169


 140.0909,  
-77.8421, 39.3129

 42.1708, -43.1100,  
20.1085

 154.8061,  
-81.5478, 41.4828

 32.8555, -37.5757,  
17.2318

170.0032,  
-85.1730, 43.6282

 24.3496, -31.5027,  
14.1339

185.6675,

 16.7391, -25.7074,

-88.7273, 45.7535

11.7174

201.7853,  
-92.2189, 47.8620

■ 10.1452, -17.7541,  
7.1016

0.0000, NaN, NaN

■ 86.4049, -61.9409,  
30.2697

■ 86.4049, -61.9409,  
30.2697

■ 85.8894, -64.5467,  
33.3716

■ 87.1501, -58.3654,  
27.0584


■ 85.5569, -66.3559,  
36.3050


■ 88.1487, -53.7554,  
23.7895


■ 85.5568, -66.3563,  
36.3056

■ 89.4175, -48.0885,  
20.5109

■ 90.9666, -41.3797,  
17.2687

 92.8009, -33.6744,  
14.1054

 94.9209, -25.0407,  
11.0585

 97.3229, -15.5626,  
8.1593

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.



86.4051, -42.5542, 45.2047



86.4049, -61.9409, 30.2697



86.4051, -67.0679, -0.5435

# Triad

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



86.4051, -61.9402, 30.2690



86.4051, 0.8015, -100.0288



86.4051, 66.1054, 35.7572

# Complementary

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



86.4049, -61.9409, 30.2697



50.7919, 79.2722, -0.5071

# 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.



86.4051, 82.9424, 9.6403



86.4049, -61.9409, 30.2697



86.4051, 41.2639, -76.9290

# Square

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



86.4051, -61.9402, 30.2690



86.4051, -34.7852, -86.4246



86.4051, 73.1370, -32.2967



86.4051, 30.3632, 47.2527



# Rectangle

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



86.4049, -61.9409, 30.2697



86.4051, -62.6336, -29.5530



86.4051, 73.1370, -32.2967



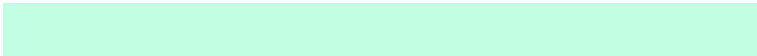
86.4051, 74.4244, 28.9383

# Sweetspot

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



86.4051, -61.9402, 30.2690



94.0383, -28.6025, 12.2619



88.4339, -56.1326, 51.4096



43.1606, -14.6450, 6.1771

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.4051, -61.9402, 30.2690



85.6758, -65.6957, 35.1605



87.9169, -44.0130, -10.3987



45.0842, -6.9744, 3.7107



61.8698, -47.8138, 25.8844



19.3628, -14.5661, 7.2423



# Inverse Universe

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



50.7919, 79.2722, -0.5071



47.9945, 84.2425, 5.9055



49.1684, 70.6998, 27.7575



42.5822, 2.4981, 1.1519



34.4664, 61.2603, 4.9420

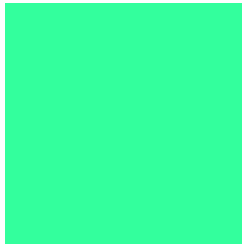


10.8563, 19.4848, 0.0917



# Previews

## White Background



This preview shows how the HunterLab color 86.4049, -61.9409, 30.2697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

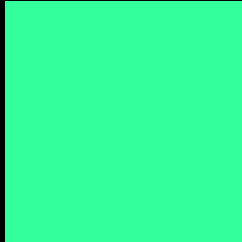
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.4049, -61.9409, 30.2697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

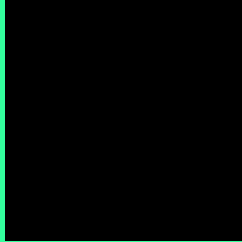
Any Text WCAG AA ✓ Pass

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 86.4049, -61.9409, 30.2697 Background



This preview shows how black text looks on a background with the HunterLab color 86.4049, -61.9409, 30.2697.



This preview shows how white text looks on a background with the HunterLab color 86.4049, -61.9409, 30.2697.

-61.9409, 30.2697.

# Color Blindness Simulation

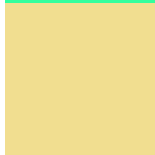
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

86.4049, -61.9409, 30.2697



### Protanopia

85.4148, -8.5587, 34.1671



### Deuteranopia

85.4841, 4.0383, 23.5324



## Tritanopia

86.1320, -28.3147, -12.5459

# Trichromacy



## Original Color

86.4049, -61.9409, 30.2697



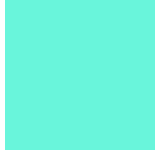
## Protanomaly

83.5381, -35.3781, 30.6760



## Deuteranomaly

83.2584, -28.6255, 23.7202



## Tritanomaly

85.6870, -43.1602, 5.6722

# Monochromacy



## Original Color

86.4049, -61.9409, 30.2697



## Achromatopsia

68.8136, -3.6717, 3.7388



## Achromatomaly

73.3538, -29.9812, 12.3085

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.4049, -61.9409, 30.2697 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(51, 255, 157)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 157)  
}
```

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(51, 255, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 157) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.4049, -61.9409, 30.2697 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(51, 255, 157) }
```



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

```
.border{ border-color:rgb(51, 255, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 157);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
157) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.4049, -61.9409, 30.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 157) }
```

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

```
.background{ background-color: rgb(51, 255,  
157) }
```

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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