

# Converting Colors

HunterLab(86.6979, -61.5878,  
37.1965)

Have a look what the booklet for  
HunterLab(86.6979, -61.5878,  
37.1965) contains.

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# Color

**HunterLab(86.7133,  
-61.5209, 37.1827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56FF85
RGB	86, 255, 133
RGB Percent	34%, 100%, 52%
CMY	0.6627, 0.0000, 0.4784
CMYK	0.66, 0.00, 0.48, 0.00
HSL	137°, 100%, 67%
HSV	137°, 66%, 100%
XYZ	43.8314, 75.1920, 34.3937
YIQ	190.5610, -61.5620, -73.7700

# Conversions

## Conversions Part 2

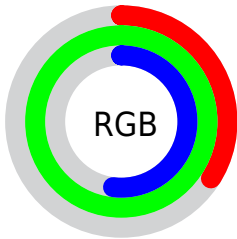
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">86, 218, 255</a>
Decimal	<a href="#">5701509</a>
CIELab	<a href="#">89.48, -68.37, 45.66</a>
CIELCh	<a href="#">89, 82.215, 146.266</a>
Yxy	<a href="#">75.1921, 0.2857, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4283891589 (0xFF56FF85)</a>
YUV	<a href="#">190.5610, -28.3776, -91.7000</a>
Hunter-Lab	<a href="#">86.7133, -61.5209, 37.1827</a>

# Details

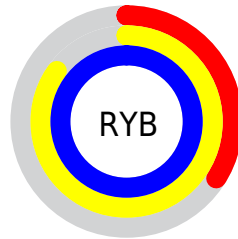
The HunterLab color **86.7133, -61.5209, 37.1827** is a light color, and the websafe version is hex **33FF99**. The color can be described as light muted spring green. A complement of this color would be **56.9824, 75.5561, -25.6553**, and the grayscale version is **72.1298, -3.8487, 3.9189**.

A 20% lighter version of the original color is **90.4579, -44.2725, 23.7806**, and **63.6488, -51.3302, 31.2518** is the 20% darker color. If you saturate the color by 10%, you get **85.8632, -65.5974, 40.6442**, and if you desaturate by 10%, it is **87.8521, -56.2171, 33.2721**.

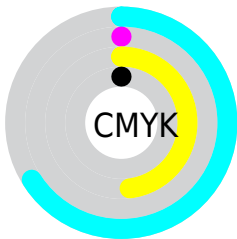
# Distribution



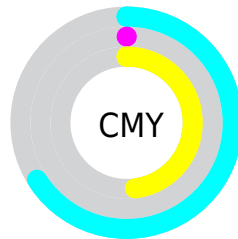
- Red (34%)
- Green (100%)
- Blue (52%)



- Red (34%)
- Yellow (85%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)




- Cyan (66%)
- Magenta (0%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7133, -61.5209, 37.1827 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 86.7133, -61.5209, 37.1827 by changing the saturation by 10% instead.





 86.7133, -61.5209,  
37.1827


 86.7133, -61.5209,  
37.1827


218.7642,  
-94.9014, 61.8783

 74.6795, -57.2243,  
34.0810


 112.5097,  
-69.6322, 43.0866


 63.2604, -52.7246,  
30.8538


 126.2234,  
-73.4961, 45.9211

 52.4911, -47.9752,  
27.4731


 140.4530,  
-77.2558, 48.6927

 42.4136, -42.9135,  
23.9044

 155.1804,  
-80.9252, 51.4105

 33.0789, -37.4511,  
20.1054

170.3894,  
-84.5156, 54.0821

 24.5519, -31.4604,  
16.3126


186.0652,

 16.9177, -25.5862,


-88.0367, 56.7138


11.8424


202.1943,  
-91.4963, 59.3111


 10.2964, -18.0187,  
7.2075


0.0000, NaN, NaN


 86.7133, -61.5209,  
37.1827


 86.7133, -61.5209,  
37.1827


 85.8632, -65.5974,  
40.6442


 87.8521, -56.2171,  
33.2721


 85.2792, -68.5000,  
43.6241

 89.2939, -49.6857,  
28.9605

 84.9283, -70.3416,  
46.0980

 91.0466, -41.9656,  
24.3016

 84.8374, -70.8380,  
46.8796

 93.1122, -33.1290,  
19.3551

■ 95.4882, -23.2716,  
14.1823

■ 98.1680, -12.5038,  
8.8430

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.



86.7134, -37.1979, 48.9305



86.7133, -61.5209, 37.1827



86.7134, -70.7632, 9.5205

# Triad

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



86.7134, -61.5203, 37.1819



86.7134, -9.7683, -110.3490



86.7134, 79.1674, 32.0435

# Complementary

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



86.7133, -61.5209, 37.1827



56.9824, 75.5561, -25.6553

# 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.



86.7134, 90.2398, -0.3716



86.7133, -61.5209, 37.1827



86.7134, 33.5872, -94.6872

# Square

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



86.7134, -61.5203, 37.1819



86.7134, -44.6499, -85.1243



86.7134, 72.2181, -48.9105



86.7134, 44.2882, 47.0942



# Rectangle

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



86.7133, -61.5209, 37.1827



86.7134, -68.7144, -19.3499



86.7134, 72.2181, -48.9105



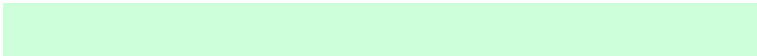
86.7134, 86.0491, 23.4052

# Sweetspot

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



86.7134, -61.5203, 37.1819



94.5669, -27.0574, 16.1325



92.6735, -38.9086, 50.7909



43.4425, -13.7987, 8.1363

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.7134, -61.5203, 37.1819



85.6159, -66.8117, 41.8125



88.5630, -50.3060, 10.3951



45.0013, -7.4371, 4.8961



61.3429, -51.0954, 33.6271



19.1871, -15.6567, 9.8161



# Inverse Universe

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



56.9824, 75.5561, -25.6553



52.6470, 86.3690, -26.3945



54.2289, 64.0756, 13.1649



42.6721, 2.9801, -0.1270



35.9799, 66.7214, -16.3213

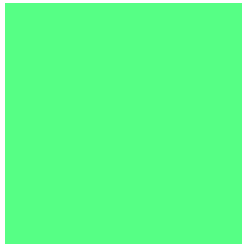


11.3095, 21.1133, -6.2231



# Previews

## White Background



This preview shows how the HunterLab color 86.7133, -61.5209, 37.1827 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

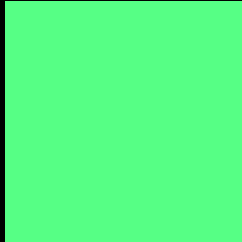
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7133, -61.5209, 37.1827 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

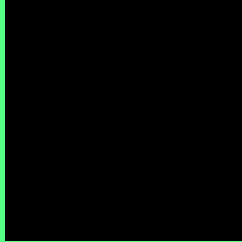
Any Text WCAG AA ✓ Pass

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 86.7133, -61.5209, 37.1827 Background



This preview shows how black text looks on a background with the HunterLab color 86.7133, -61.5209, 37.1827.



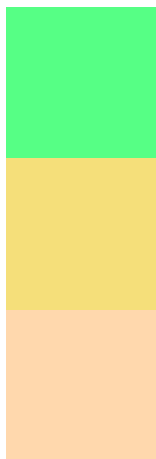
This preview shows how white text looks on a background with the HunterLab color 86.7133,

-61.5209, 37.1827.

# 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

86.7133, -61.5209, 37.1827

### Protanopia

85.7863, -9.5574, 39.9684

### Deuteranopia

85.6673, 2.8938, 25.4763



## Tritanopia

86.2489, -26.1361, -12.3474

# Trichromacy



## Original Color

86.7133, -61.5209, 37.1827



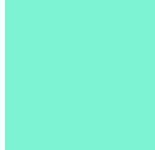
## Protanomaly

84.5505, -34.0285, 37.6624



## Deuteranomaly

83.9831, -26.4236, 28.4507



## Tritanomaly

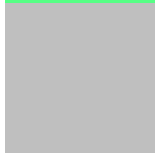
85.8426, -41.2217, 9.6088

# Monochromacy



## Original Color

86.7133, -61.5209, 37.1827



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

76.0051, -28.6424, 16.6660

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7133, -61.5209, 37.1827 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(86, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(86, 255, 133)  
}
```

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(86, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 255, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7133, -61.5209, 37.1827 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(86, 255, 133) }
```



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

```
.border{ border-color:rgb(86, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(86, 255,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7133, -61.5209, 37.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 255, 133) }
```

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

```
.background{ background-color: rgb(86, 255,  
133) }
```

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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