

# Converting Colors

HunterLab(86.6865, -61.2009,  
33.8220)

Have a look what the booklet for  
HunterLab(86.6865, -61.2009,  
33.8220) contains.

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# Color

**HunterLab(86.7024,  
-61.1253, 33.7593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFF92
RGB	77, 255, 146
RGB Percent	30%, 100%, 57%
CMY	0.6980, 0.0000, 0.4274
CMYK	0.70, 0.00, 0.43, 0.00
HSL	143°, 100%, 65%
HSV	143°, 70%, 100%
XYZ	44.0088, 75.1731, 39.3844
YIQ	189.3520, -71.0990, -71.6350

# Conversions

## Conversions Part 2

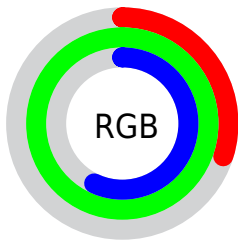
Format	Color
<a href="#">RYB</a>	<a href="#">77, 205, 255</a>
Decimal	<a href="#">5111698</a>
CIELab	<a href="#">89.47, -67.81, 39.35</a>
CIELCh	<a href="#">89, 78.403, 149.875</a>
Yxy	<a href="#">75.1733, 0.2775, 0.4741</a>
Android (android.graphics.Color)	<a href="#">4283301778 (0xFF4DFF92)</a>
YUV	<a href="#">189.3520, -21.3725, -98.5327</a>
Hunter-Lab	<a href="#">86.7024, -61.1253, 33.7593</a>

# Details

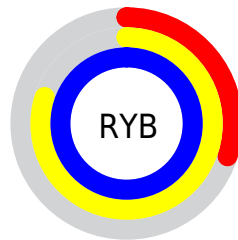
The HunterLab color **86.7024, -61.1253, 33.7593** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **54.8756, 75.5763, -15.0541**, and the grayscale version is **71.5937, -3.8201, 3.8898**.

A 20% lighter version of the original color is **90.4699, -43.5774, 18.7703**, and **63.8284, -50.2128, 28.6150** is the 20% darker color. If you saturate the color by 10%, you get **85.9413, -64.8123, 37.1578**, and if you desaturate by 10%, it is **87.7322, -56.3092, 30.0938**.

# Distribution



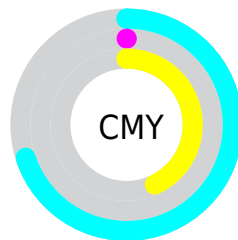
- Red (30%)
- Green (100%)
- Blue (57%)



- Red (30%)
- Yellow (80%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7024, -61.1253, 33.7593 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 86.7024, -61.1253, 33.7593 by changing the saturation by 10% instead.



86.7024, -61.1253,  
33.7593

86.7024, -61.1253,  
33.7593

218.7494,  
-94.2748, 55.8204

74.6692, -56.8612,  
31.0282

112.4978,  
-69.1770, 38.9818

63.2506, -52.3962,  
28.1950

126.2111,  
-73.0132, 41.5009

52.4820, -47.6842,  
25.2349

140.4402,  
-76.7466, 43.9713

42.4050, -42.6630,  
22.1160

155.1673,  
-80.3907, 46.4008

33.0711, -37.2450,  
18.7964

170.3759,  
-83.9569, 48.7957

24.5448, -31.3032,  
15.2446


186.0513,

16.9114, -25.4396,


-87.4545, 51.1611


11.8380


202.1799,  
-90.8916, 53.5014


 10.2911, -18.0094,  
7.2038


0.0000, NaN, NaN


 86.7024, -61.1253,  
33.7593


 86.7024, -61.1253,  
33.7593


 85.9413, -64.8123,  
37.1578


 87.7322, -56.3092,  
30.0938


 85.4238, -67.4389,  
40.2471


 89.0466, -50.3481,  
26.2124


 85.1041, -69.1754,  
42.9783

 90.6558, -43.2639,  
22.1662

 85.0988, -69.2050,  
43.0277

 92.5640, -35.1115,  
18.0080

 94.7706, -25.9706,  
13.7888

 97.2710, -15.9370,  
9.5558

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.



86.7025, -39.3754, 46.9506



86.7024, -61.1253, 33.7593



86.7025, -68.3640, 4.8773

# Triad

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



86.7025, -61.1247, 33.7586



86.7025, -4.7969, -103.3723



86.7025, 71.7190, 33.5902

# Complementary

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



86.7024, -61.1253, 33.7593



54.8756, 75.5763, -15.0541

# 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.



86.7025, 85.3506, 4.5613



86.7024, -61.1253, 33.7593



86.7025, 36.6263, -84.4473

# Square

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



86.7025, -61.1247, 33.7586



86.7025, -39.6156, -84.1493



86.7025, 71.4996, -40.0437



86.7025, 36.9657, 46.8886



# Rectangle

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



86.7024, -61.1253, 33.7593



86.7025, -65.2211, -23.6762



86.7025, 71.4996, -40.0437



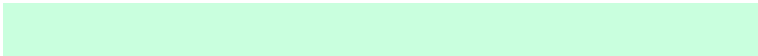
86.7025, 79.1741, 25.9002

# Sweetspot

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



86.7025, -61.1247, 33.7586



94.4908, -27.1140, 14.2955



90.8798, -46.0305, 50.6129



43.4247, -13.7412, 7.1539

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.7025, -61.1247, 33.7586



85.6962, -66.0381, 38.4946



88.9111, -47.7737, 1.9243



45.0386, -7.2289, 4.3626



61.5362, -49.8882, 30.7794



19.2552, -15.2329, 8.8162



# Inverse Universe

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



54.8756, 75.5763, -15.0541



50.8029, 84.9088, -12.7391



52.3886, 65.3517, 20.4128



42.6310, 2.7599, 0.4574



35.2077, 63.9496, -5.5853

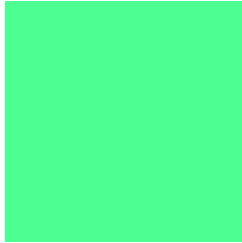


11.0831, 20.3041, -3.1009



# Previews

## White Background



This preview shows how the HunterLab color 86.7024, -61.1253, 33.7593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

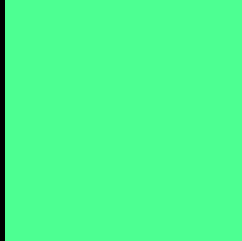
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7024, -61.1253, 33.7593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

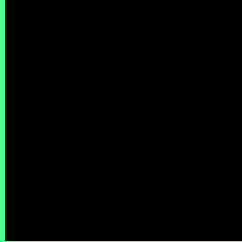
Any Text WCAG AA ✓ Pass

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 86.7024, -61.1253, 33.7593 Background



This preview shows how black text looks on a background with the HunterLab color 86.7024, -61.1253, 33.7593.



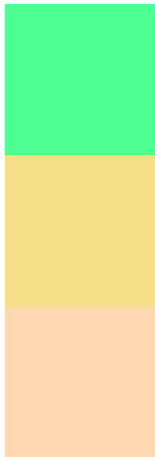
This preview shows how white text looks on a background with the HunterLab color 86.7024, -61.1253, 33.7593.

-61.1253, 33.7593.

# 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

86.7024, -61.1253, 33.7593

### Protanopia

85.8660, -8.9078, 37.1807

### Deuteranopia

85.7590, 3.3879, 24.1467



## Tritanopia

86.1445, -26.5258, -12.4975

# Trichromacy



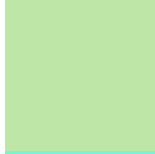
## Original Color

86.7024, -61.1253, 33.7593



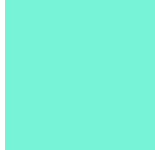
## Protanomaly

84.4505, -34.0221, 34.5614



## Deuteranomaly

83.8415, -26.6142, 25.6847



## Tritanomaly

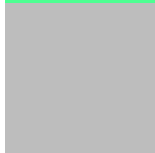
85.7494, -41.3492, 7.6623

# Monochromacy



## Original Color

86.7024, -61.1253, 33.7593



## Achromatopsia

71.3359, -3.8063, 3.8758



## Achromatomaly

75.4331, -28.9545, 14.9002

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7024, -61.1253, 33.7593 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7024, -61.1253, 33.7593 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, 146) }
```



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

```
.border{ border-color:rgb(77, 255, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7024, -61.1253, 33.7593 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, 146) }
```

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

```
.background{ background-color: rgb(77, 255,  
146) }
```

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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