

# Converting Colors

HunterLab(87.0312, -35.7642,  
-11.4494)

Have a look what the booklet for  
HunterLab(87.0312, -35.7642,  
-11.4494) contains.

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# Color

**HunterLab(86.9774,  
-35.7123, -11.5216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BF5FF
RGB	107, 245, 255
RGB Percent	42%, 96%, 100%
CMY	0.5804, 0.0392, 0.0000
CMYK	0.58, 0.04, 0.00, 0.00
HSL	184°, 100%, 71%
HSV	184°, 58%, 100%
XYZ	56.7659, 75.6507, 106.2180
YIQ	204.8780, -85.4580, -26.1460

# Conversions

## Conversions Part 2

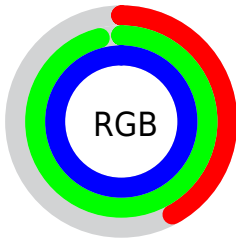
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 178, 255
Decimal	7075327
CIELab	89.70, -34.52, -16.12
CIELCh	90, 38.099, 205.026
Yxy	75.6534, 0.2379, 0.3170
Android (android.graphics.Color)	4285265407 (0xFF6BF5FF)
YUV	204.8780, 24.7101, -85.8390
Hunter-Lab	86.9774, -35.7123, -11.5216

# Details

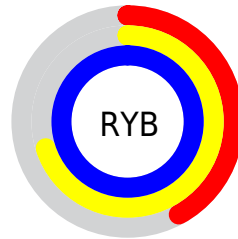
The HunterLab color **86.9774, -35.7123, -11.5216** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **59.1989, 47.9365, 23.3839**, and the grayscale version is **78.0078, -4.1623, 4.2383**.

A 20% lighter version of the original color is **93.4270, -29.0160, -2.9780**, and **63.3975, -30.8010, -11.4387** is the 20% darker color. If you saturate the color by 10%, you get **85.5930, -37.9620, -13.4570**, and if you desaturate by 10%, it is **88.6120, -32.5502, -9.2693**.

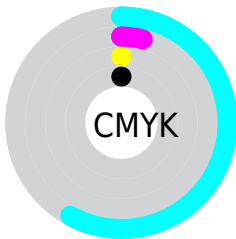
# Distribution



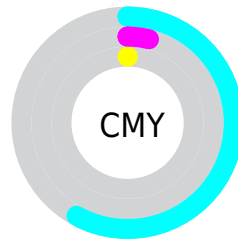
- Red (42%)
- Green (96%)
- Blue (100%)



- Red (42%)
- Yellow (70%)
- Blue (100%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (58%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.9774, -35.7123, -11.5216 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 86.9774, -35.7123, -11.5216 by changing the saturation by 10% instead.





 86.9774, -35.7123,  
-11.5216


 86.9774, -35.7123,  
-11.5216


219.1256,  
-55.5056, -9.3270


 74.9322, -33.3242,  
-11.5263


 112.7993,  
-40.3246, -11.3441

 63.4995, -30.8617,  
-11.4742

 126.5243,  
-42.5671, -11.1822

 52.7159, -28.3061,  
-11.3588


 140.7649,  
-44.7772, -10.9747

 42.6229, -25.6302,  
-11.1754

155.5028,  
-46.9604, -10.7238

 33.2717, -22.7943,  
-10.9198

170.7221,  
-49.1214, -10.4318

 24.7264, -19.7377,  
-10.5900

186.4077,

 17.0719, -16.3599,

-51.2639, -10.1006

-10.1934

202.5464,  
-53.3910, -9.7318

■ 10.4272, -15.2050,  
-9.7741

0.0000, NaN, -NF

■ 86.9774, -35.7123,  
-11.5216

■ 86.9774, -35.7123,  
-11.5216

■ 85.5930, -37.9620,  
-13.4570

■ 88.6120, -32.5502,  
-9.2693

■ 84.4412, -39.3240,  
-15.0846

■ 90.4991, -28.4764,  
-6.7151

■ 83.5032, -39.8632,  
-16.4182

■ 92.6430, -23.5182,  
-3.8730

■ 82.7454, -39.7035,  
-17.4976

■ 95.0423, -17.7210,  
-0.7646

■ 82.6068, -39.6328,  
-17.6955

■ 97.6926, -11.1431,  
2.5849

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.



86.9790, -38.5396, 7.7330



86.9774, -35.7123, -11.5216



86.9790, -24.8652, -29.3480

# Triad

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



86.9790, -35.7130, -11.5194



86.9790, 27.8155, -17.9676



86.9790, -1.4123, 33.0188

# Complementary

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



86.9774, -35.7123, -11.5216



59.1989, 47.9365, 23.3839

# 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.



86.9790, 17.6083, 28.9303



86.9774, -35.7123, -11.5216



86.9790, 35.3934, 1.6253

# Square

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



86.9790, -35.7130, -11.5194



86.9790, 11.5755, -33.6025



86.9790, 31.5054, 18.3534



86.9790, -19.7588, 30.9817

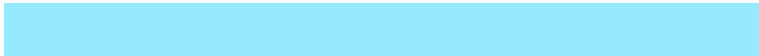


# Rectangle

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



86.9774, -35.7123, -11.5216



86.9790, -14.0060, -36.6197



86.9790, 31.5054, 18.3534



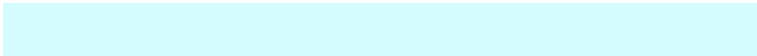
86.9790, 5.1281, 32.3470

# Sweetspot

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



86.9790, -35.7130, -11.5194



95.3053, -17.0745, -0.4282



87.1365, -60.2490, 41.2135



43.8578, -8.4758, -0.4987

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.9790, -35.7130, -11.5194



85.3489, -38.2980, -13.8008



62.8682, -0.1303, -50.4863



45.0099, -5.6236, 0.9619



59.7877, -28.7413, -12.6853



18.8178, -9.1676, -3.7304



# Inverse Universe

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



61.9433, 73.0879, -43.2401



57.4158, 86.1440, -50.6282



77.1535, 9.5719, 37.0183



42.7527, 3.4112, -1.2708



37.8636, 73.3669, -41.6125

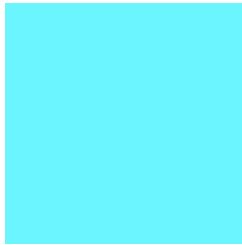


11.8407, 22.9833, -13.3237



# Previews

## White Background



This preview shows how the HunterLab color 86.9774, -35.7123, -11.5216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

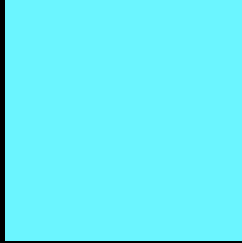
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.9774, -35.7123, -11.5216 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 86.9774, -35.7123, -11.5216 Background



This preview shows how black text looks on a background with the HunterLab color 86.9774, -35.7123, -11.5216.



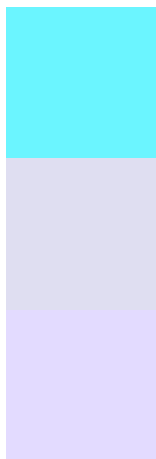
This preview shows how white text looks on a background with the HunterLab color 86.9774,

-35.7123, -11.5216.

# 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

86.9774, -35.7123, -11.5216

### Protanopia

86.1867, -0.8181, -4.1550

### Deuteranopia

86.1475, 4.7684, -11.9455



## Tritanopia

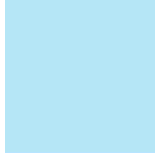
86.6395, -26.4158, -11.8185

# Trichromacy



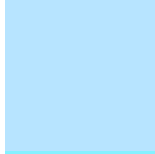
## Original Color

86.9774, -35.7123, -11.5216



## Protanomaly

85.4817, -15.9766, -8.0803



## Deuteranomaly

85.3077, -12.6075, -13.4081



## Tritanomaly

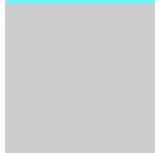
86.6234, -29.9696, -11.9027

# Monochromacy



## Original Color

86.9774, -35.7123, -11.5216



## Achromatopsia

78.1342, -4.1690, 4.2452



## Achromatomaly

80.5910, -18.6071, -2.0259

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.9774, -35.7123, -11.5216 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(107, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 245, 255)  
}
```

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(107, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 245, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.9774, -35.7123, -11.5216 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(107, 245, 255) }
```



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

```
.border{ border-color:rgb(107, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.9774, -35.7123, -11.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 245, 255) }
```

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

```
.background{ background-color: rgb(107,  
245, 255) }
```

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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