

# Converting Colors

HunterLab(89.2915, -23.9247,  
-37.0085)

Have a look what the booklet for  
HunterLab(89.2915, -23.9247,  
-37.0085) contains.

<b>HunterLab(87.2752, -34.5719, -11.0980)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(87.2752,  
-34.5719, -11.0980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73F5FF
RGB	115, 245, 255
RGB Percent	45%, 96%, 100%
CMY	0.5490, 0.0392, 0.0000
CMYK	0.55, 0.04, 0.00, 0.00
HSL	184°, 100%, 73%
HSV	184°, 55%, 100%
XYZ	57.7726, 76.1696, 106.2650
YIQ	207.2700, -80.6900, -24.4500

# Conversions

## Conversions Part 2

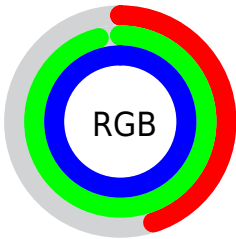
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 182, 255
Decimal	7599615
CIE <sub>Lab</sub>	89.94, -33.09, -15.73
CIE <sub>LCh</sub>	90, 36.636, 205.428
Y <sub>xy</sub>	76.1724, 0.2405, 0.3171
Android (android.graphics.Color)	4285789695 (0xFF73F5FF)
Y <sub>UV</sub>	207.2700, 23.5309, -80.9208
Hunter-Lab	87.2752, -34.5719, -11.0980

# Details

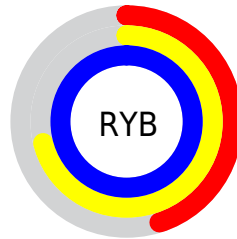
The HunterLab color **87.2752, -34.5719, -11.0980** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **60.9639, 44.5978, 22.5701**, and the grayscale version is **79.0359, -4.2172, 4.2942**.

A 20% lighter version of the original color is **93.8547, -27.4221, -2.4129**, and **63.6515, -29.8099, -11.0654** is the 20% darker color. If you saturate the color by 10%, you get **85.7786, -37.0678, -13.1852**, and if you desaturate by 10%, it is **89.0246, -31.1625, -8.6973**.

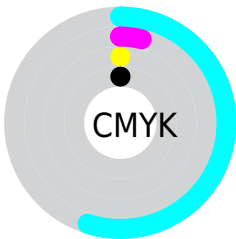
# Distribution



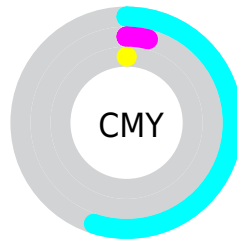
- Red (45%)
- Green (96%)
- Blue (100%)



- Red (45%)
- Yellow (71%)
- Blue (100%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (55%)
- Magenta (4%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2752, -34.5719, -11.0980 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 87.2752, -34.5719, -11.0980 by changing the saturation by 10% instead.





 87.2752, -34.5719,  
-11.0980


 87.2752, -34.5719,  
-11.0980


219.5308,  
-53.8065, -8.7836


 75.2156, -32.2622,  
-11.1178


 113.1241,  
-39.0405, -10.8916

 63.7677, -29.8836,  
-11.0811


 126.8617,  
-41.2164, -10.7158

 52.9679, -27.4184,  
-10.9815


 141.1145,  
-43.3628, -10.4946

 42.8578, -24.8412,  
-10.8140

155.8642,  
-45.4849, -10.2305

 33.4880, -22.1149,  
-10.5741

171.0949,  
-47.5870, -9.9255

 24.9224, -19.1823,  
-10.2591

186.7916,

 17.2452, -15.9492,

-49.6728, -9.5816

-9.8745

202.9410,  
-51.7451, -9.2004

■ 10.5743, -14.4850,  
-9.4581

0.0000, NaN, -NF

■ 87.2752, -34.5719,  
-11.0980

■ 87.2752, -34.5719,  
-11.0980

■ 85.7786, -37.0678,  
-13.1852

■ 89.0246, -31.1625,  
-8.6973

■ 84.5195, -38.6640,  
-14.9632

■ 91.0275, -26.8491,  
-6.0012

■ 83.4819, -39.4118,  
-16.4406

■ 93.2864, -21.6661,  
-3.0265

■ 82.6390, -39.4063,  
-17.6452

■ 95.7988, -15.6639,  
0.2036

■ 82.2605, -39.2045,  
-18.1873

■ 98.5592, -8.9038,  
3.6629

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

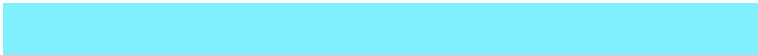
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2768, -37.4221, 7.4104



87.2752, -34.5719, -11.0980



87.2768, -23.9783, -28.0295

# Triad

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



87.2768, -34.5726, -11.0958



87.2768, 26.6657, -16.7599



87.2768, -1.8023, 32.2391

# Complementary

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



87.2752, -34.5719, -11.0980



60.9639, 44.5978, 22.5701

# 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.



87.2768, 16.4966, 28.3100



87.2752, -34.5719, -11.0980



87.2768, 33.7814, 2.0046

# Square

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



87.2768, -34.5726, -11.0958



87.2768, 11.1742, -31.7491



87.2768, 29.9139, 18.0900



87.2768, -19.4430, 30.1578

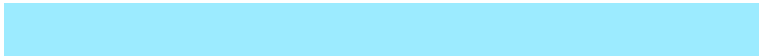


# Rectangle

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



87.2752, -34.5719, -11.0980



87.2768, -13.4487, -34.8432



87.2768, 29.9139, 18.0900



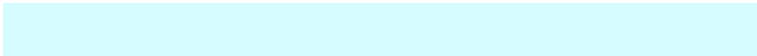
87.2768, 4.4876, 31.6055

# Sweetspot

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



87.2768, -34.5726, -11.0958



95.5100, -16.3628, -0.1636



87.5381, -58.3918, 39.9265



43.9411, -8.1634, -0.3899

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

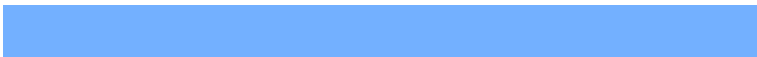
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2768, -34.5726, -11.0958



85.6286, -37.2869, -13.3961



64.6428, -1.0648, -46.9597



44.9958, -5.6012, 0.9452



59.5416, -28.4371, -13.0343



18.7500, -9.0843, -3.8255



# Inverse Universe

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



63.3371, 69.1157, -40.6312



58.7349, 81.9867, -47.9539



78.2505, 8.3737, 36.0731



42.7512, 3.4032, -1.2496



37.8244, 73.2302, -41.0986

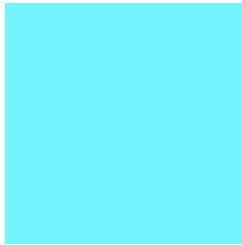


11.8298, 22.9455, -13.1816



# Previews

## White Background



This preview shows how the HunterLab color 87.2752, -34.5719, -11.0980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

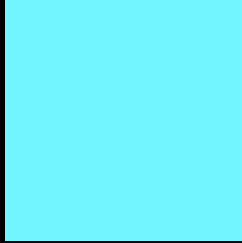
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.2752, -34.5719, -11.0980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

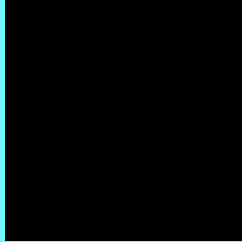
Any Text WCAG AA ✓ Pass

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 87.2752, -34.5719, -11.0980 Background



This preview shows how black text looks on a background with the HunterLab color 87.2752, -34.5719, -11.0980.



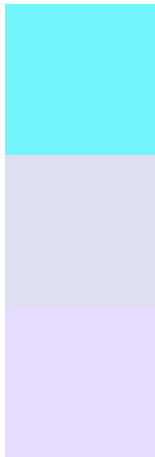
This preview shows how white text looks on a background with the HunterLab color 87.2752,

-34.5719, -11.0980.

# 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

87.2752, -34.5719, -11.0980

### Protanopia

86.5873, -1.0269, -3.6470

### Deuteranopia

86.6397, 4.8699, -11.2705



## Tritanopia

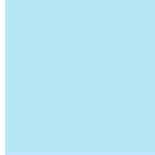
86.9093, -25.4110, -11.4336

# Trichromacy



## Original Color

87.2752, -34.5719, -11.0980



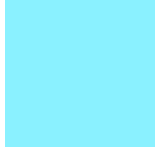
## Protanomaly

86.0209, -15.7031, -7.3642



## Deuteranomaly

85.9942, -11.8143, -12.4464



## Tritanomaly

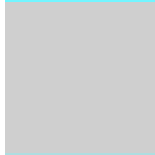
86.9102, -28.8899, -11.4933

# Monochromacy



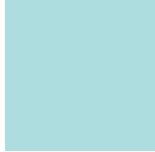
## Original Color

87.2752, -34.5719, -11.0980



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.2978, -17.6329, -1.6439

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.2752, -34.5719, -11.0980 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(115, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 245, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.2752, -34.5719, -11.0980 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(115, 245, 255) }
```



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

```
.border{ border-color:rgb(115, 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(115, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.2752, -34.5719, -11.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 245, 255) }
```

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

```
.background{ background-color: rgb(115,  
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](#).

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