

# Converting Colors

HunterLab(88.1460, -21.6076,  
-41.9595)

Have a look what the booklet for  
HunterLab(88.1460, -21.6076,  
-41.9595) contains.

<b>HunterLab(86.0835, -33.7848, -12.7082)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(86.0835,  
-33.7848, -12.7082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FF2FF
RGB	111, 242, 255
RGB Percent	44%, 95%, 100%
CMY	0.5647, 0.0510, 0.0000
CMYK	0.56, 0.05, 0.00, 0.00
HSL	185°, 100%, 72%
HSV	185°, 56%, 100%
XYZ	56.3576, 74.1037, 105.9407
YIQ	204.3130, -82.2490, -23.7290

# Conversions

## Conversions Part 2

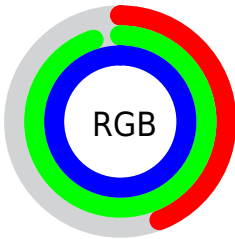
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 180, 255
Decimal	7336703
CIE <sub>Lab</sub>	88.97, -32.41, -17.19
CIE <sub>LCh</sub>	89, 36.686, 207.950
Yxy	74.1064, 0.2384, 0.3135
Android (android.graphics.Color)	4285526783 (0xFF6FF2FF)
YUV	204.3130, 24.9887, -81.8355
Hunter-Lab	86.0835, -33.7848, -12.7082

# Details

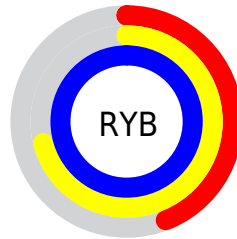
The HunterLab color **86.0835, -33.7848, -12.7082** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **60.6828, 44.7575, 23.4803**, and the grayscale version is **77.7638, -4.1493, 4.2251**.

A 20% lighter version of the original color is **93.6078, -28.3412, -2.7388**, and **62.5288, -29.0111, -12.6367** is the 20% darker color. If you saturate the color by 10%, you get **84.4512, -35.9460, -15.0114**, and if you desaturate by 10%, it is **87.9670, -30.7139, -10.0987**.

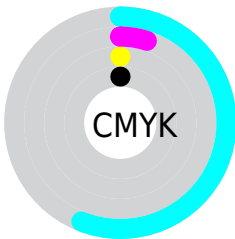
# Distribution



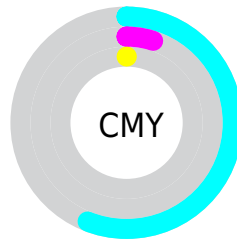
- Red (44%)
- Green (95%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.0835, -33.7848, -12.7082 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 86.0835, -33.7848, -12.7082 by changing the saturation by 10% instead.



86.0835, -33.7848,  
-12.7082

86.0835, -33.7848,  
-12.7082

217.9084,  
-52.7791, -10.8485

74.0818, -31.5055,  
-12.6711

111.8243,  
-38.1948, -12.6116

62.6949, -29.1583,  
-12.5763

125.5111,  
-40.3427, -12.4887

51.9599, -26.7254,  
-12.4174

139.7149,  
-42.4618, -12.3191

41.9189, -24.1811,  
-12.1903

154.4173,  
-44.5574, -12.1053

32.6238, -21.4878,  
-11.8919

169.6021,  
-46.6336, -11.8494

24.1400, -18.5873,  
-11.5226

185.2544,

16.5542, -15.3826,

-48.6941, -11.5536

-11.0964

201.3607,  
-50.7418, -11.2194

■ 9.9888, -14.7457,  
-10.6779

0.0000, NaN, -NF

■ 86.0835, -33.7848,  
-12.7082

■ 86.0835, -33.7848,  
-12.7082

■ 84.4512, -35.9460,  
-15.0114

■ 87.9670, -30.7139,  
-10.0987

■ 83.0551, -37.2123,  
-17.0103

■ 90.1018, -26.7432,  
-7.2029

■ 81.8793, -37.6370,  
-18.7122

■ 92.4898, -21.9070,  
-4.0395

■ 80.8958, -37.3211,  
-20.1454

■ 95.1277, -16.2555,  
-0.6333

■ 80.5758, -37.1047,  
-20.6143

■ 98.0096, -9.8495,  
2.9886

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

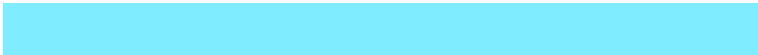
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0851, -37.3015, 5.8859



86.0835, -33.7848, -12.7082



86.0851, -22.6502, -29.1607

# Triad

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



86.0851, -33.7855, -12.7061



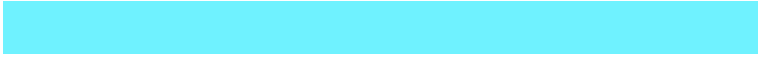
86.0851, 27.6296, -15.2455



86.0851, -3.3235, 32.0791

# Complementary

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



86.0835, -33.7848, -12.7082



60.6828, 44.7575, 23.4803

# 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.



86.0851, 15.0766, 28.6901



86.0835, -33.7848, -12.7082



86.0851, 33.8591, 3.4683

# Square

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



86.0851, -33.7855, -12.7061



86.0851, 12.6937, -30.8308



86.0851, 29.0849, 19.0681



86.0851, -20.6240, 29.5120

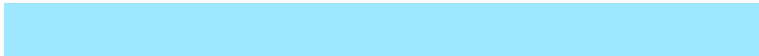


# Rectangle

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



86.0835, -33.7848, -12.7082



86.0851, -11.8894, -35.3483



86.0851, 29.0849, 19.0681



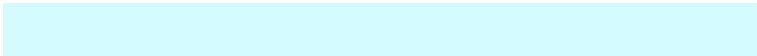
86.0851, 2.9447, 31.6169

# Sweetspot

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



86.0851, -33.7855, -12.7061



94.9811, -16.5758, -0.8202



87.3671, -59.1305, 40.0818



43.6895, -8.2192, -0.7034

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.0851, -33.7855, -12.7061



84.2222, -36.1972, -15.3375



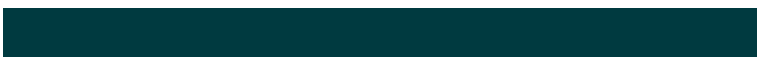
63.0296, 0.6280, -50.1450



44.9271, -5.4919, 0.8640



58.3440, -26.9459, -14.7566



18.4202, -8.6763, -4.2941



# Inverse Universe

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



62.4831, 70.4961, -39.9782



57.8680, 83.3719, -46.8280



78.3833, 7.7216, 37.0574



42.7439, 3.3642, -1.1461



37.6356, 72.5705, -38.6142

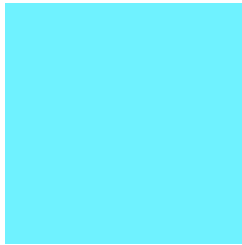


11.7774, 22.7626, -12.4936



# Previews

## White Background



This preview shows how the HunterLab color 86.0835, -33.7848, -12.7082 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

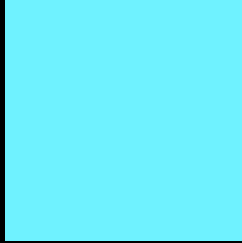
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.0835, -33.7848, -12.7082 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

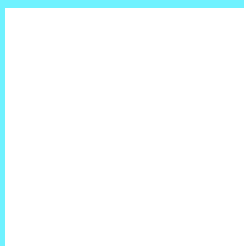
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 86.0835, -33.7848, -12.7082 Background



This preview shows how black text looks on a background with the HunterLab color 86.0835, -33.7848, -12.7082.



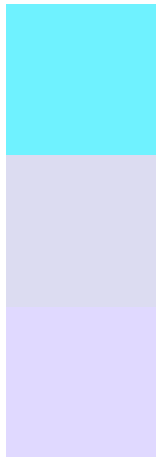
This preview shows how white text looks on a background with the HunterLab color 86.0835, -33.7848, -12.7082.

-33.7848, -12.7082.

# 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

86.0835, -33.7848, -12.7082

### Protanopia

85.2953, -0.7132, -5.3007

### Deuteranopia

85.2602, 4.8899, -13.1678



## Tritanopia

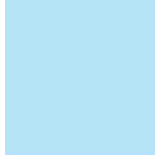
85.8908, -27.4742, -12.8627

# Trichromacy



## Original Color

86.0835, -33.7848, -12.7082



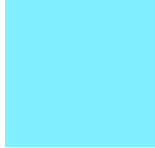
## Protanomaly

84.7608, -15.2361, -9.0259



## Deuteranomaly

84.6640, -11.5952, -14.2870



## Tritanomaly

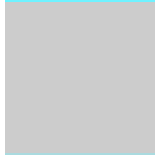
85.7567, -29.7267, -13.0869

# Monochromacy



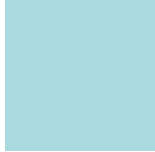
## Original Color

86.0835, -33.7848, -12.7082



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

80.0104, -17.3861, -2.7351

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.0835, -33.7848, -12.7082 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(111, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 242, 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(111, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 242, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.0835, -33.7848, -12.7082 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(111, 242, 255) }
```



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

```
.border{ border-color:rgb(111, 242, 255) }
```

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

Here you see how a box with a 4 pixel rgb(111, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 242,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.0835, -33.7848, -12.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 242, 255) }
```

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

```
.background{ background-color: rgb(111,  
242, 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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