

# Converting Colors

HunterLab(85.7017, -26.6804,  
-38.4207)

Have a look what the booklet for  
HunterLab(85.7017, -26.6804,  
-38.4207) contains.

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# Color

**HunterLab(84.0586,  
-36.2023, -15.5680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50EFFF
RGB	80, 239, 255
RGB Percent	31%, 94%, 100%
CMY	0.6862, 0.0627, 0.0000
CMYK	0.69, 0.06, 0.00, 0.00
HSL	185°, 100%, 66%
HSV	185°, 69%, 100%
XYZ	52.2248, 70.6585, 105.4936
YIQ	193.2830, -99.9000, -28.7320

# Conversions

## Conversions Part 2

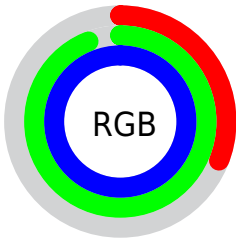
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 163, 255
Decimal	5304319
CIE <sub>Lab</sub>	87.32, -35.81, -19.77
CIE <sub>LCh</sub>	87, 40.905, 208.894
Yxy	70.6610, 0.2287, 0.3094
Android (android.graphics.Color)	4283494399 (0xFF50EFFF)
YUV	193.2830, 30.4265, -99.3492
Hunter-Lab	84.0586, -36.2023, -15.5680

# Details

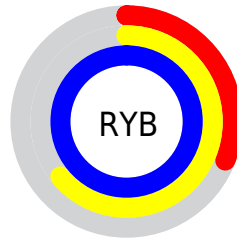
The HunterLab color **84.0586, -36.2023, -15.5680** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **54.9604, 56.0497, 26.6580**, and the grayscale version is **73.0534, -3.8979, 3.9691**.

A 20% lighter version of the original color is **92.3169, -33.1901, -4.4571**, and **61.5989, -29.1913, -13.9777** is the 20% darker color. If you saturate the color by 10%, you get **82.7027, -37.2699, -17.5163**, and if you desaturate by 10%, it is **85.6523, -34.2493, -13.3102**.

# Distribution



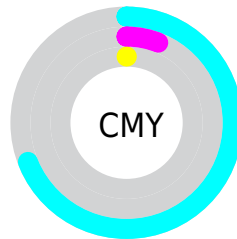
- Red (31%)
- Green (94%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)




- Cyan (69%)
- Magenta (6%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0586, -36.2023, -15.5680 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 84.0586, -36.2023, -15.5680 by changing the saturation by 10% instead.





 84.0586, -36.2023,  
-15.5680


 84.0586, -36.2023,  
-15.5680


215.1436,  
-56.5599, -14.4915


 72.1565, -33.7274,  
-15.4343


 109.6134,  
-40.9674, -15.6590


 60.8748, -31.1695,  
-15.2416


 123.2129,  
-43.2786, -15.6268

 50.2513, -28.5070,  
-14.9843


 137.3325,  
-45.5533, -15.5460

 40.3297, -25.7088,  
-14.6601

 151.9538,  
-47.7976, -15.4190

 31.1637, -22.7294,  
-14.2697

167.0599,  
-50.0166, -15.2481

 22.8216, -19.4975,  
-13.8222

182.6359,

 15.3947, -15.8936,

-52.2144, -15.0354

-13.3538

198.6680,  
-54.3945, -14.7826

■ 9.0021, -15.7536,  
-13.0341

0.0000, NaN, -NF

■ 84.0586, -36.2023,  
-15.5680

■ 84.0586, -36.2023,  
-15.5680

■ 82.7027, -37.2699,  
-17.5163

■ 85.6523, -34.2493,  
-13.3102

■ 81.5608, -37.5121,  
-19.1738

■ 87.4908, -31.3859,  
-10.7509

■ 80.5988, -37.0614,  
-20.5794

■ 89.5815, -27.6192,  
-7.9004

■ 80.4727, -36.9753,  
-20.7648

■ 91.9255, -22.9787,  
-4.7782

■ 94.5201, -17.5118,  
-1.4087

■ 97.3600, -11.2775,  
2.1814

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.



84.0601, -40.2824, 5.2938



84.0586, -36.2023, -15.5680



84.0601, -23.8435, -34.1376

# Triad

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



84.0601, -36.2028, -15.5659



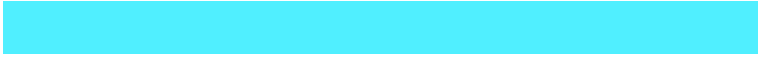
84.0601, 31.8731, -17.1186



84.0601, -3.7301, 34.0273

# Complementary

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



84.0586, -36.2023, -15.5680



54.9604, 56.0497, 26.6580

# 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.



84.0601, 16.7908, 30.7028



84.0586, -36.2023, -15.5680



84.0601, 38.5192, 3.8511

# Square

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



84.0601, -36.2028, -15.5659



84.0601, 15.3539, -35.1743



84.0601, 32.7568, 20.7088



84.0601, -22.6479, 31.1658

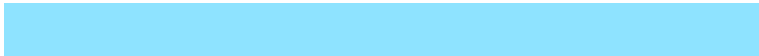


# Rectangle

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



84.0586, -36.2023, -15.5680



84.0601, -11.9261, -40.9935



84.0601, 32.7568, 20.7088



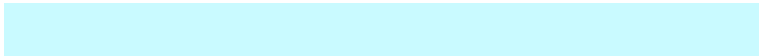
84.0601, 3.2145, 33.6136

# Sweetspot

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



84.0601, -36.2028, -15.5659



93.8809, -18.8831, -2.2306



86.0493, -65.2949, 44.4870



43.0982, -9.4475, -1.4662

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

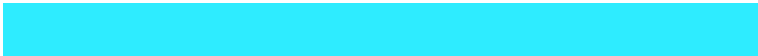


# Same Dimension

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



84.0601, -36.2028, -15.5659



82.2942, -37.4396, -18.1076



56.2878, 5.3144, -64.8764



44.9229, -5.4852, 0.8590



58.2707, -26.8540, -14.8633



18.4000, -8.6511, -4.3231



# Inverse Universe

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



57.6464, 83.9464, -47.0013



54.0885, 94.5649, -51.9080



74.3850, 12.4495, 40.0027



42.7435, 3.3619, -1.1398



37.6241, 72.5305, -38.4630

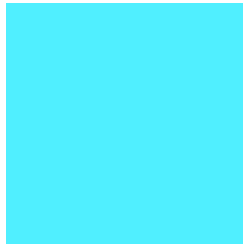


11.7742, 22.7515, -12.4517



# Previews

## White Background



This preview shows how the HunterLab color 84.0586, -36.2023, -15.5680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

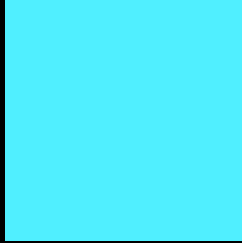
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.0586, -36.2023, -15.5680 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

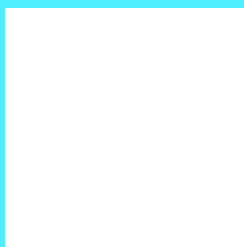
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.0586, -36.2023, -15.5680 Background



This preview shows how black text looks on a background with the HunterLab color 84.0586, -36.2023, -15.5680.



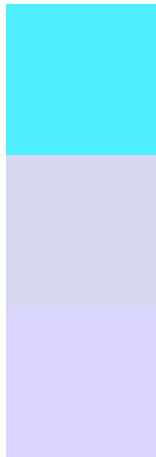
This preview shows how white text looks on a background with the HunterLab color 84.0586, -36.2023, -15.5680.

-36.2023, -15.5680.

# 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

84.0586, -36.2023, -15.5680

### Protanopia

83.1795, -0.1534, -7.5094

### Deuteranopia

83.4028, 4.8438, -15.7783



## Tritanopia

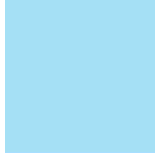
83.9971, -32.8762, -15.5966

# Trichromacy



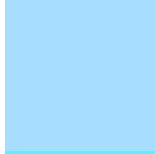
## Original Color

84.0586, -36.2023, -15.5680



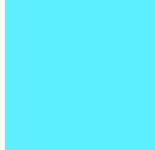
## Protanomaly

82.4034, -17.1510, -11.6793



## Deuteranomaly

82.2667, -13.5468, -17.7291



## Tritanomaly

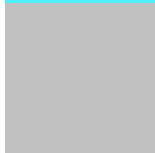
84.0810, -34.3309, -15.5036

# Monochromacy



## Original Color

84.0586, -36.2023, -15.5680



## Achromatopsia

73.0258, -3.8965, 3.9676



## Achromatomaly

75.9779, -19.2752, -4.2168

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0586, -36.2023, -15.5680 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(80, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(80, 239, 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(80, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 239, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0586, -36.2023, -15.5680 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(80, 239, 255) }
```



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

```
.border{ border-color:rgb(80, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(80, 239,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0586, -36.2023, -15.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 239, 255) }
```

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

```
.background{ background-color: rgb(80, 239,  
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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