

# Converting Colors

HunterLab(86.3352, -40.9982,  
-4.6684)

Have a look what the booklet for  
HunterLab(86.3352, -40.9982,  
-4.6684) contains.

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# Color

**HunterLab(86.3352,  
-40.9982, -4.6684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CF6F1
RGB	92, 246, 241
RGB Percent	36%, 96%, 95%
CMY	0.6392, 0.0353, 0.0549
CMYK	0.63, 0.00, 0.02, 0.04
HSL	178°, 90%, 66%
HSV	178°, 63%, 96%
XYZ	53.2465, 74.5377, 94.7999
YIQ	199.3840, -90.1790, -34.2030

# Conversions

## Conversions Part 2

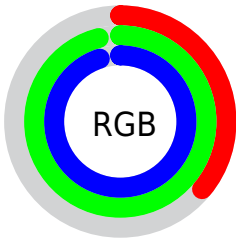
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 170, 246
Decimal	6092529
CIE <sub>Lab</sub>	89.18, -41.16, -9.64
CIE <sub>LCh</sub>	89, 42.277, 193.177
Yxy	74.5405, 0.2392, 0.3349
Android (android.graphics.Color)	4284282609 (0xFF5CF6F1)
YUV	199.3840, 20.5167, -94.1758
Hunter-Lab	86.3352, -40.9982, -4.6684

# Details

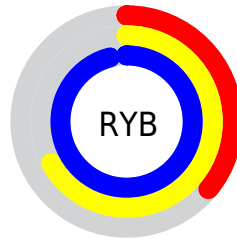
The HunterLab color **86.3352, -40.9982, -4.6684** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **53.0211, 55.3202, 20.9908**, and the grayscale version is **75.6812, -4.0382, 4.1119**.

A 20% lighter version of the original color is **92.7411, -31.5886, -3.8897**, and **63.1648, -34.3666, -4.7630** is the 20% darker color. If you saturate the color by 10%, you get **85.6883, -43.5941, -5.1127**, and if you desaturate by 10%, it is **87.2167, -37.5319, -3.9142**.

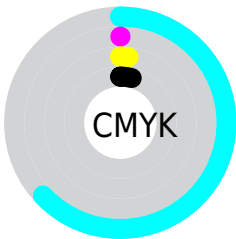
# Distribution



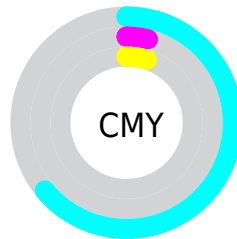
- Red (36%)
- Green (96%)
- Blue (95%)



- Red (36%)
- Yellow (67%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (64%)
- Magenta (4%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3352, -40.9982, -4.6684 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 86.3352, -40.9982, -4.6684 by changing the saturation by 10% instead.





 86.3352, -40.9982,  
-4.6684


 86.3352, -40.9982,  
-4.6684


218.2514,  
-63.3950, -0.5750


 74.3213, -38.2448,  
-4.9138


 112.0989,  
-46.2800, -4.0318


 62.9215, -35.3923,  
-5.1080


 125.7966,  
-48.8329, -3.6489


 52.1727, -32.4162,  
-5.2452


 140.0107,  
-51.3398, -3.2260

 42.1170, -29.2818,  
-5.3197

 154.7232,  
-53.8078, -2.7651

 32.8060, -25.9388,  
-5.3246

 169.9177,  
-56.2428, -2.2680

 24.3049, -22.3101,  
-5.2512

185.5794,

 16.6996, -18.2697,

-58.6497, -1.7363

-5.0899

201.6948,  
-61.0326, -1.1716

■ 10.1118, -17.6956,  
-4.8339

0.0000, NaN, -NF

■ 86.3352, -40.9982,  
-4.6684

■ 86.3352, -40.9982,  
-4.6684

■ 85.6883, -43.5941,  
-5.1127

■ 87.2167, -37.5319,  
-3.9142

■ 85.2521, -45.3709,  
-5.2728

■ 88.3412, -33.1725,  
-2.8421

■ 85.0018, -46.4185,  
-5.1814

■ 89.7192, -27.9258,  
-1.4485

■ 84.9044, -46.8464,  
-4.9953

■ 91.3550, -21.8200,  
0.2611

93.2495, -14.9017,  
2.2744

95.4003, -7.2309,  
4.5739

96.8836, -2.0281,  
6.0131

96.9090, -1.8895,  
5.6497

96.9346, -1.7503,  
5.2850

# Harmonies

## Analogous

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



86.3368, -40.4397, 15.2379



86.3352, -40.9982, -4.6684



86.3368, -32.5093, -26.4556

# Triad

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



86.3368, -40.9986, -4.6672



86.3368, 25.2561, -28.8356



86.3368, 7.5721, 34.3061

# Complementary

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



86.3352, -40.9982, -4.6684



53.0211, 55.3202, 20.9908

# 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.



86.3368, 27.3513, 27.3445



86.3352, -40.9982, -4.6684



86.3368, 38.2198, -7.3614

# Square

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



86.3368, -40.9986, -4.6672



86.3368, 4.9300, -42.5247



86.3368, 39.0218, 13.1218



86.3368, -13.7555, 34.6917



# Rectangle

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



86.3352, -40.9982, -4.6684



86.3368, -22.3358, -37.8283



86.3368, 39.0218, 13.1218



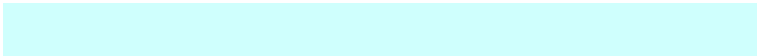
86.3368, 14.6694, 32.7519

# Sweetspot

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



86.3368, -40.9986, -4.6672



95.8330, -20.2555, 0.9837



83.2081, -60.1616, 43.0032



44.0853, -10.2955, 0.1888

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.3368, -40.9986, -4.6672



89.1224, -45.9589, -5.3952



62.6543, -6.4769, -44.0161



43.2989, -5.8056, 1.3655



62.0327, -34.2043, -3.6982



18.3982, -10.0936, -1.2069



# Inverse Universe

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



53.0211, 55.3202, 20.9908



50.3392, 68.5080, 25.4009



68.4629, 18.8752, 33.7468



40.6094, 1.5519, 3.2796



32.3592, 55.4570, 20.5923

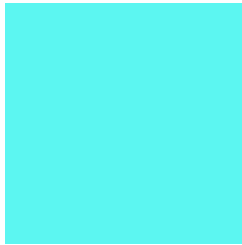


9.6090, 16.4991, 5.8723



# Previews

## White Background



This preview shows how the HunterLab color 86.3352, -40.9982, -4.6684 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

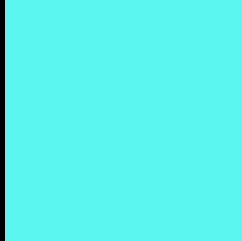
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.3352, -40.9982, -4.6684 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

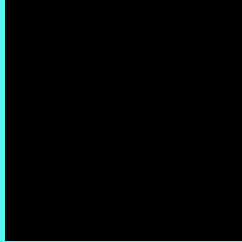
Any Text WCAG AA ✓ Pass

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 86.3352, -40.9982, -4.6684 Background



This preview shows how black text looks on a background with the HunterLab color 86.3352, -40.9982, -4.6684.



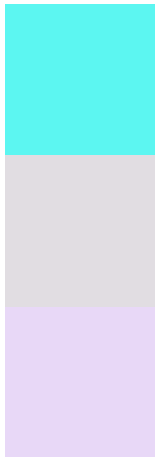
This preview shows how white text looks on a background with the HunterLab color 86.3352,

-40.9982, -4.6684.

# 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

86.3352, -40.9982, -4.6684

### Protanopia

85.5637, -2.3796, 2.8246

### Deuteranopia

85.4301, 6.4170, -8.3167



## Tritanopia

86.1808, -28.1315, -12.4757

# Trichromacy



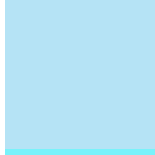
## Original Color

86.3352, -40.9982, -4.6684



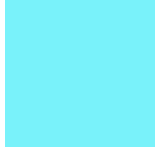
## Protanomaly

84.6819, -19.9240, -1.1004



## Deuteranomaly

84.4716, -14.6838, -8.8399



## Tritanomaly

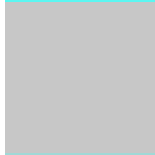
86.2968, -33.3402, -9.5463

# Monochromacy



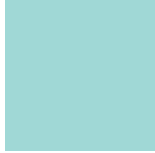
## Original Color

86.3352, -40.9982, -4.6684



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

78.3839, -20.5977, -0.1820

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.3352, -40.9982, -4.6684 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(92, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(92, 246, 241)  
}
```

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(92, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 246, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.3352, -40.9982, -4.6684 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(92, 246, 241) }
```



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

```
.border{ border-color:rgb(92, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(92, 246,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.3352, -40.9982, -4.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 246, 241) }
```

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

```
.background{ background-color: rgb(92, 246,  
241) }
```

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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