

# Converting Colors

HunterLab(85.2838, -38.4962,  
0.4588)

Have a look what the booklet for  
HunterLab(85.2838, -38.4962,  
0.4588) contains.

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# Color

**HunterLab(85.3266,  
-38.5202, 0.3944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73F2E5
RGB	115, 242, 229
RGB Percent	45%, 95%, 90%
CMY	0.5490, 0.0510, 0.1020
CMYK	0.52, 0.00, 0.05, 0.05
HSL	174°, 83%, 70%
HSV	174°, 52%, 95%
XYZ	52.9653, 72.8063, 85.3902
YIQ	202.5450, -71.5190, -30.9670

# Conversions

## Conversions Part 2

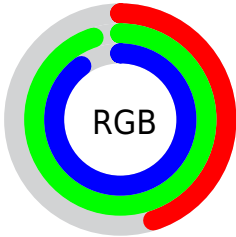
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 182, 242
Decimal	7598821
CIELab	88.36, -38.35, -4.51
CIELCh	88, 38.618, 186.710
Yxy	72.8091, 0.2508, 0.3448
Android (android.graphics.Color)	4285788901 (0xFF73F2E5)
YUV	202.5450, 13.0423, -76.7770
Hunter-Lab	85.3266, -38.5202, 0.3944

# Details

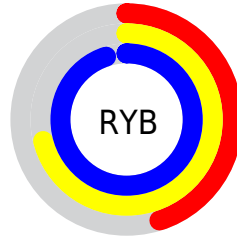
The HunterLab color **85.3266, -38.5202, 0.3944** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **57.1834, 45.5408, 14.8562**, and the grayscale version is **77.0542, -4.1114, 4.1865**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **61.9151, -33.0604, -0.7736** is the 20% darker color. If you saturate the color by 10%, you get **84.4042, -42.2876, 0.4613**, and if you desaturate by 10%, it is **86.4928, -33.8793, 0.6356**.

# Distribution



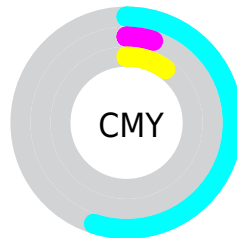
- Red (45%)
- Green (95%)
- Blue (90%)



- Red (45%)
- Yellow (71%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3266, -38.5202, 0.3944 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 85.3266, -38.5202, 0.3944 by changing the saturation by 10% instead.



85.3266, -38.5202,  
0.3944

85.3266, -38.5202,  
0.3944

216.8762,  
-59.8419, 6.0729

73.3620, -35.9143,  
-0.0578

110.9983,  
-43.5292, 1.4220

62.0143, -33.2178,  
-0.4673

124.6527,  
-45.9546, 1.9906

51.3207, -30.4081,  
-0.8293

138.8251,  
-48.3390, 2.5934

41.3240, -27.4523,  
-1.1393

153.4973,  
-50.6891, 3.2290

32.0768, -24.3029,  
-1.3913

168.6529,  
-53.0103, 3.8960

23.6456, -20.8864,  
-1.5774

184.2768,

16.1186, -17.0807,

-55.3071, 4.5930

-1.6863

200.3554,  
-57.5832, 5.3190

■ 9.6214, -16.8374,  
-1.7013

0.0000, NaN, -NF

■ 85.3266, -38.5202,  
0.3944

■ 85.3266, -38.5202,  
0.3944

■ 84.4042, -42.2876,  
0.4613

■ 86.4928, -33.8793,  
0.6356

■ 83.7080, -45.1955,  
0.8162


■ 87.9058, -28.3733,  
1.1900


■ 83.2216, -47.2911,  
1.4340


■ 89.5710, -22.0353,  
2.0590


■ 82.9195, -48.6584,  
2.2780

■ 91.4887, -14.9148,  
3.2365


 82.7818, -49.3295,  
3.0183

 93.6563, -7.0741,  
4.7105

 95.5459, -0.3697,  
5.8231

 95.6252, 0.0602,  
4.6931

 95.7054, 0.4951,  
3.5498

 95.7866, 0.9350,  
2.3933

# Harmonies

## Analogous

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



85.3283, -36.1759, 17.5124



85.3266, -38.5202, 0.3944



85.3283, -32.4389, -19.3944

# Triad

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



85.3283, -38.5208, 0.3955



85.3283, 18.8944, -28.9637



85.3283, 10.6913, 31.2232

# Complementary

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



85.3266, -38.5202, 0.3944



57.1834, 45.5408, 14.8562

# 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.



85.3283, 27.4386, 23.2431



85.3266, -38.5202, 0.3944



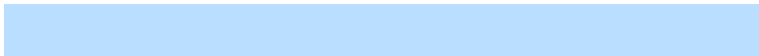
85.3283, 32.4624, -10.6034

# Square

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



85.3283, -38.5208, 0.3955



85.3283, -0.1570, -38.6247



85.3283, 35.7209, 8.6859



85.3283, -8.8705, 32.8958

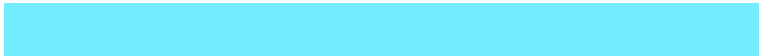


# Rectangle

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



85.3266, -38.5202, 0.3944



85.3283, -24.0740, -30.6420



85.3283, 35.7209, 8.6859



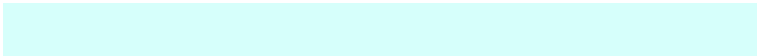
85.3283, 16.8879, 29.2924

# Sweetspot

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



85.3283, -38.5208, 0.3955



96.3328, -18.6145, 2.9520



83.3525, -51.5831, 38.9199



44.3726, -9.3369, 1.2451

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.3283, -38.5208, 0.3955



89.5119, -45.1211, 0.5062



69.5258, -13.2245, -29.0297



42.3077, -5.8009, 1.6760



60.6832, -36.0961, 2.0725



17.5255, -10.2741, 0.2735



# Inverse Universe

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



57.1834, 45.5408, 14.8562



55.2006, 59.0416, 18.9576



68.2315, 19.0749, 28.2823



39.7305, 1.6306, 2.8809



31.9176, 54.8050, 19.4993

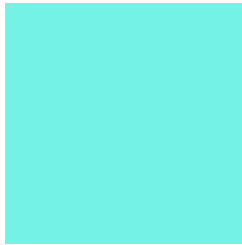


9.2532, 15.9825, 4.9248



# Previews

## White Background



This preview shows how the HunterLab color 85.3266, -38.5202, 0.3944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

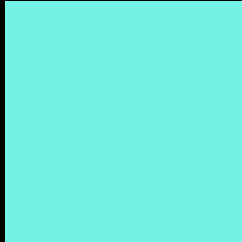
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.3266, -38.5202, 0.3944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

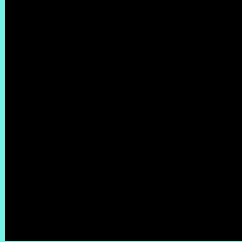
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

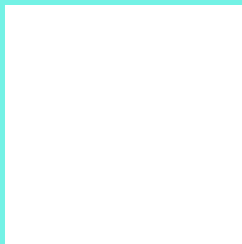
Any Text WCAG AAA ✓ Pass

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

# HunterLab 85.3266, -38.5202, 0.3944 Background



This preview shows how black text looks on a background with the HunterLab color 85.3266, -38.5202, 0.3944.



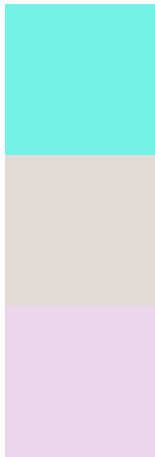
This preview shows how white text looks on a background with the HunterLab color 85.3266,

-38.5202, 0.3944.

# 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

85.3266, -38.5202, 0.3944

### Protanopia

84.6336, -3.0507, 6.5857

### Deuteranopia

84.7074, 6.2298, -2.7079



## Tritanopia

85.3082, -27.9147, -13.6754

# Trichromacy



## Original Color

85.3266, -38.5202, 0.3944



## Protanomaly

83.9481, -18.2082, 3.0962



## Deuteranomaly

83.8277, -12.8689, -3.0961



## Tritanomaly

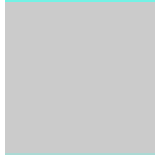
85.3361, -31.9811, -8.5534

# Monochromacy



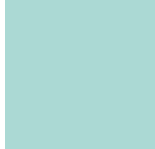
## Original Color

85.3266, -38.5202, 0.3944



## Achromatopsia

77.2788, -4.1234, 4.1987



## Achromatomaly

79.3959, -18.6827, 2.0824

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.3266, -38.5202, 0.3944 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, 242, 229)` looks like.

```
.text, #text, p{  
    color:rgb(115, 242, 229)  
}
```

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, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 242, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.3266, -38.5202, 0.3944 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, 242, 229) }
```



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

```
.border{ border-color:rgb(115, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(115, 242,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.3266, -38.5202, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 242, 229) }
```

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

```
.background{ background-color: rgb(115,  
242, 229) }
```

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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