

# Converting Colors

HunterLab(85.8444, -52.5444,  
11.9945)

Have a look what the booklet for  
HunterLab(85.8444, -52.5444,  
11.9945) contains.

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# Color

**HunterLab(85.8362,  
-52.5789, 12.0762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AFACD
RGB	58, 250, 205
RGB Percent	23%, 98%, 80%
CMY	0.7725, 0.0196, 0.1961
CMYK	0.77, 0.00, 0.18, 0.02
HSL	166°, 95%, 60%
HSV	166°, 77%, 98%
XYZ	46.9500, 73.6785, 69.5045
YIQ	187.4620, -99.9870, -54.6990

# Conversions

## Conversions Part 2

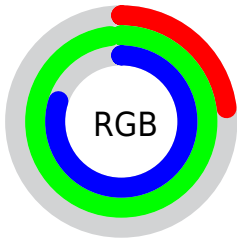
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 167, 250
Decimal	3865293
CIELab	88.77, -56.35, 8.43
CIELCh	89, 56.977, 171.488
Yxy	73.6814, 0.2469, 0.3875
Android (android.graphics.Color)	4282055373 (0xFF3AFACD)
YUV	187.4620, 8.6462, -113.5382
Hunter-Lab	85.8362, -52.5789, 12.0762

# Details

The HunterLab color **85.8362, -52.5789, 12.0762** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.3268, 70.6876, 16.2050**, and the grayscale version is **70.6852, -3.7716, 3.8405**.

A 20% lighter version of the original color is **91.5469, -36.1175, -5.4939**, and **63.1931, -41.5653, 10.7418** is the 20% darker color. If you saturate the color by 10%, you get **85.3389, -54.9263, 14.0239**, and if you desaturate by 10%, it is **86.5502, -49.3838, 10.3120**.

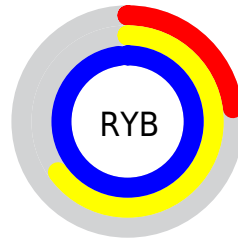
# Distribution



Red (23%)

Green (98%)

Blue (80%)



Red (23%)

Yellow (65%)

Blue (98%)

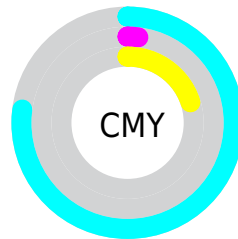


Cyan (77%)

Magenta (0%)

Yellow (18%)

Black (2%)



Cyan (77%)

Magenta (2%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8362, -52.5789, 12.0762 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 85.8362, -52.5789, 12.0762 by changing the saturation by 10% instead.





 85.8362, -52.5789,  
12.0762


 85.8362, -52.5789,  
12.0762


217.5714,  
-81.0708, 22.1618


 73.8467, -48.9683,  
11.0270


 111.5545,  
-59.4327, 14.2144


 62.4726, -45.1990,  
9.9869


 125.2308,  
-62.7131, 15.3038

 51.7510, -41.2341,  
8.9541


 139.4243,  
-65.9151, 16.4080

 41.7245, -37.0221,  
7.9245

 154.1169,  
-69.0495, 17.5274

 32.4450, -32.4889,  
6.8916

169.2922,  
-72.1254, 18.6623

 23.9783, -27.5239,  
5.8447

184.9352,

 16.4116, -22.1984,

-75.1501, 19.8129

4.7651

201.0324,  
-78.1302, 20.9794

■ 9.8684, -17.2697,  
4.0978

0.0000, NaN, NaN

■ 85.8362, -52.5789,  
12.0762

■ 85.8362, -52.5789,  
12.0762

■ 85.3389, -54.9263,  
14.0239

■ 86.5502, -49.3838,  
10.3120


■ 85.0225, -56.5308,  
16.1030


■ 87.4973, -45.2812,  
8.7683


■ 84.9430, -56.9543,  
16.7766


■ 88.6940, -40.2496,  
7.4778


■ 90.1498, -34.2978,  
6.4647

 91.8696, -27.4593,  
5.7453

 93.8542, -19.7876,  
5.3285

 96.1013, -11.3501,  
5.2165

 98.3130, -3.2328,  
5.0426

 98.4143, -2.6803,  
3.5987

# Harmonies

## Analogous

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



85.8379, -43.5977, 31.3300



85.8362, -52.5789, 12.0762



85.8379, -50.0890, -16.8394

# Triad

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



85.8379, -52.5795, 12.0771



85.8379, 16.5538, -59.8388



85.8379, 32.5052, 36.4085

# Complementary

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



85.8362, -52.5789, 12.0762



49.3268, 70.6876, 16.2050

# 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.



85.8379, 52.9621, 21.7459



85.8362, -52.5789, 12.0762



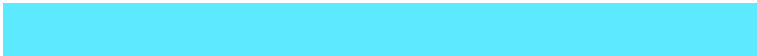
85.8379, 42.9443, -34.8104

# Square

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



85.8379, -52.5795, 12.0771



85.8379, -12.5923, -65.0436



85.8379, 57.0141, -3.4571



85.8379, 3.7276, 42.0355



# Rectangle

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



85.8362, -52.5789, 12.0762



85.8379, -42.0962, -37.8275



85.8379, 57.0141, -3.4571



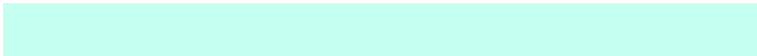
85.8379, 40.7317, 32.6560

# Sweetspot

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



85.8379, -52.5795, 12.0771



94.6936, -25.2206, 5.6786



84.7018, -62.0449, 48.3037



43.4837, -12.9392, 2.7143

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.8379, -52.5795, 12.0771



87.0882, -57.1300, 15.4568



70.7431, -22.5608, -32.6063



44.1983, -6.3417, 2.4152



61.8824, -41.3644, 11.9463



18.8758, -12.3264, 3.0161



# Inverse Universe

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



49.3268, 70.6876, 16.2050



47.2100, 79.1349, 22.0283



55.6238, 48.1718, 30.8503



41.5835, 1.9680, 2.3665



33.1120, 57.2598, 17.0985

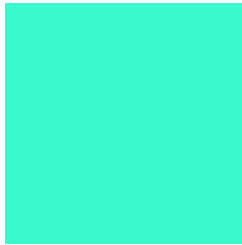


10.1544, 17.7112, 4.0690



# Previews

## White Background



This preview shows how the HunterLab color 85.8362, -52.5789, 12.0762 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

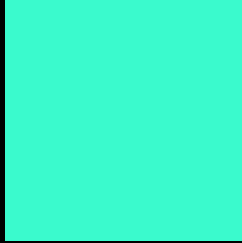
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8362, -52.5789, 12.0762 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

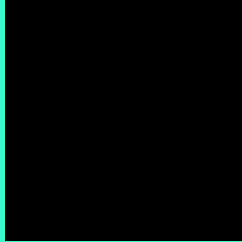
Any Text WCAG AA ✓ Pass

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 85.8362, -52.5789, 12.0762 Background



This preview shows how black text looks on a background with the HunterLab color 85.8362, -52.5789, 12.0762.



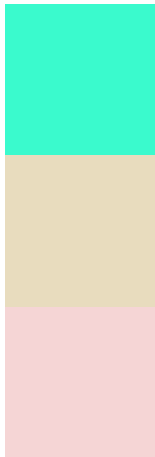
This preview shows how white text looks on a background with the HunterLab color 85.8362,

-52.5789, 12.0762.

# 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

85.8362, -52.5789, 12.0762

### Protanopia

84.8881, -5.2165, 18.1913

### Deuteranopia

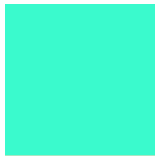
84.7379, 6.4534, 8.2822



## Tritanopia

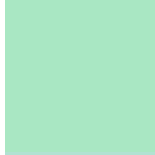
85.3704, -29.4295, -13.6157

# Trichromacy



## Original Color

85.8362, -52.5789, 12.0762



## Protanomaly

83.3828, -28.6328, 14.1671



## Deuteranomaly

82.7000, -21.7810, 6.8650



## Tritanomaly

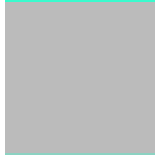
85.1137, -38.8093, -4.0447

# Monochromacy



## Original Color

85.8362, -52.5789, 12.0762



## Achromatopsia

70.4935, -3.7614, 3.8300



## Achromatomaly

74.5410, -26.0413, 4.8795

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8362, -52.5789, 12.0762 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(58, 250, 205)` looks like.

```
.text, #text, p{  
    color:rgb(58, 250, 205)  
}
```

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(58, 250, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 250, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8362, -52.5789, 12.0762 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(58, 250, 205) }
```



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

```
.border{ border-color:rgb(58, 250, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 250, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 250, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 250, 205);  
box-shadow:4px 4px 4px 4px rgb(58, 250,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8362, -52.5789, 12.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 250, 205) }
```

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

```
.background{ background-color: rgb(58, 250,  
205) }
```

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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