

# Converting Colors

HunterLab(87.8840, -52.9420,  
8.9183)

Have a look what the booklet for  
HunterLab(87.8840, -52.9420,  
8.9183) contains.

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# Color

**HunterLab(87.8826,  
-52.9503, 8.9381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FFD9
RGB	51, 255, 217
RGB Percent	20%, 100%, 85%
CMY	0.7999, 0.0000, 0.1490
CMYK	0.80, 0.00, 0.15, 0.00
HSL	169°, 100%, 60%
HSV	169°, 80%, 100%
XYZ	49.6496, 77.2335, 77.9363
YIQ	189.6720, -109.3860, -55.0660

# Conversions

## Conversions Part 2

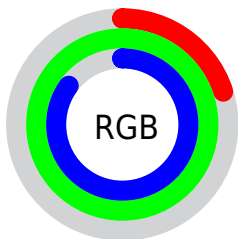
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	51, 163, 255
Decimal	3407833
CIE <sub>Lab</sub>	90.43, -56.06, 4.59
CIE <sub>LCh</sub>	90, 56.250, 175.317
Y <sub>xy</sub>	77.2340, 0.2424, 0.3771
Android (android.graphics.Color)	4281597913 (0xFF33FFD9)
YUV	189.6720, 13.4727, -121.6153
Hunter-Lab	87.8826, -52.9503, 8.9381

# Details

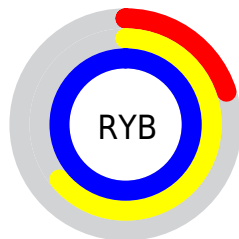
The HunterLab color **87.8826, -52.9503, 8.9381** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.3460, 73.6313, 20.3370**, and the grayscale version is **71.5992, -3.8204, 3.8901**.

A 20% lighter version of the original color is **91.4579, -36.4575, -5.6142**, and **65.2236, -41.6509, 8.3885** is the 20% darker color. If you saturate the color by 10%, you get **87.4640, -54.9197, 10.5972**, and if you desaturate by 10%, it is **88.5089, -50.1548, 7.4841**.

# Distribution



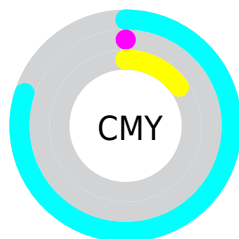
- Red (20%)
- Green (100%)
- Blue (85%)



- Red (20%)
- Yellow (64%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8826, -52.9503, 8.9381 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 87.8826, -52.9503, 8.9381 by changing the saturation by 10% instead.





 87.8826, -52.9503,  
8.9381


 87.8826, -52.9503,  
8.9381


220.3546,  
-81.2231, 17.7031


 75.7924, -49.3776,  
8.0691


 113.7848,  
-59.7370, 10.7390


 64.3138, -45.6542,  
7.2222


 127.5481,  
-62.9897, 11.6719

 53.4813, -41.7436,  
6.3964


 141.8256,  
-66.1665, 12.6259

 43.3363, -37.5972,  
5.5910

 156.5993,  
-69.2779, 13.6007

 33.9288, -33.1460,  
4.8043

171.8531,  
-72.3327, 14.5962

 25.3221, -28.2874,  
4.0334

187.5723,

 17.5990, -22.8763,

-75.3378, 15.6119

3.2722

203.7436,  
-78.2996, 16.6477

■ 10.8753, -19.0317,  
2.5093

■ 2.1798, -3.8147,  
1.5259

■ 87.8826, -52.9503,  
8.9381

■ 87.8826, -52.9503,  
8.9381

■ 87.4640, -54.9197,  
10.5972

■ 88.5089, -50.1548,  
7.4841

■ 87.2065, -56.2364,  
12.3983

■ 89.3667, -46.4606,  
6.2781

■ 87.2063, -56.2370,  
12.3993

■ 90.4739, -41.8300,  
5.3513

■ 91.8422, -36.2587,  
4.7269

■ 93.4783, -29.7700,  
4.4197

■ 95.3848, -22.4093,  
4.4365

■ 97.5605, -14.2385,  
4.7767

■ 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.



87.8829, -45.4003, 29.5949



87.8826, -52.9503, 8.9381



87.8829, -48.9804, -20.5798

# Triad

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



87.8829, -52.9492, 8.9375



87.8829, 20.0112, -56.6550



87.8829, 28.7438, 37.7810

# Complementary

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



87.8826, -52.9503, 8.9381



49.3460, 73.6313, 20.3370

# 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.



87.8829, 50.5831, 24.2979



87.8826, -52.9503, 8.9381



87.8829, 45.1074, -30.3848

# Square

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



87.8829, -52.9492, 8.9375



87.8829, -9.1270, -64.7207



87.8829, 56.9218, 0.4167



87.8829, -0.1712, 42.5146



# Rectangle

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



87.8826, -52.9503, 8.9381



87.8829, -40.0313, -40.9851



87.8829, 56.9218, 0.4167



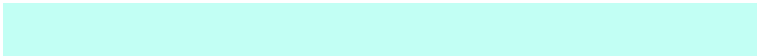
87.8829, 37.2940, 34.3821

# Sweetspot

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



87.8829, -52.9492, 8.9375



94.5887, -25.4585, 4.3908



86.0376, -66.0175, 49.7009



43.4503, -12.9810, 2.0328

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8829, -52.9492, 8.9375



87.2978, -55.7575, 11.6716



68.1326, -17.9364, -40.6600



45.1885, -6.3930, 2.2214



63.0542, -40.5509, 8.7255



19.7116, -12.4327, 2.2009



# Inverse Universe

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



49.3460, 73.6313, 20.3370



46.6530, 79.2827, 25.4129



57.5619, 47.0456, 33.0654



42.4763, 1.9289, 2.6622



33.5170, 57.7722, 18.7647

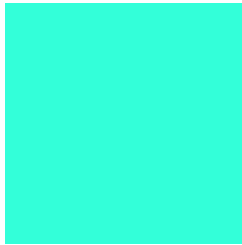


10.5255, 18.2746, 4.8689



# Previews

## White Background



This preview shows how the HunterLab color 87.8826, -52.9503, 8.9381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

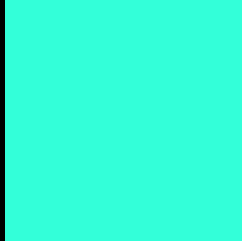
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8826, -52.9503, 8.9381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

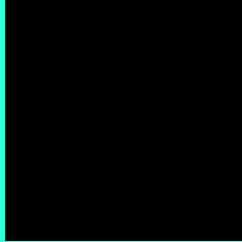
Any Text WCAG AA ✓ Pass

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 87.8826, -52.9503, 8.9381 Background



This preview shows how black text looks on a background with the HunterLab color 87.8826, -52.9503, 8.9381.



This preview shows how white text looks on a background with the HunterLab color 87.8826, -52.9503, 8.9381.

-52.9503, 8.9381.

# 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

87.8826, -52.9503, 8.9381

### Protanopia

87.0228, -5.1607, 15.8843

### Deuteranopia

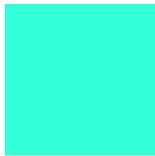
86.8062, 6.4652, 4.9487



## Tritanopia

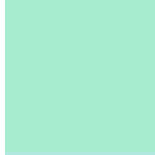
87.5298, -26.5709, -10.6141

# Trichromacy



## Original Color

87.8826, -52.9503, 8.9381



## Protanomaly

85.3351, -29.2563, 11.0564



## Deuteranomaly

84.6498, -22.3218, 3.3663



## Tritanomaly

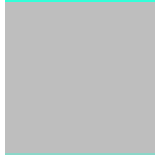
87.0861, -38.0841, -3.6620

# Monochromacy



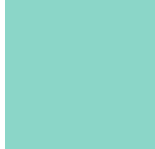
## Original Color

87.8826, -52.9503, 8.9381



## Achromatopsia

71.7578, -3.8288, 3.8987



## Achromatomaly

75.9949, -27.0128, 3.7227

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8826, -52.9503, 8.9381 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(51, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 217)  
}
```

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(51, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8826, -52.9503, 8.9381 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(51, 255, 217) }
```



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

```
.border{ border-color:rgb(51, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 255, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 255, 217); box-shadow:4px 4px 4px 4px rgb(51, 255, 217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8826, -52.9503, 8.9381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 217) }
```

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

```
.background{ background-color: rgb(51, 255,  
217) }
```

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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