

# Converting Colors

HunterLab(88.0033, -53.7816,  
19.2911)

Have a look what the booklet for  
HunterLab(88.0033, -53.7816,  
19.2911) contains.

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# Color

**HunterLab(88.0028,  
-53.7842, 19.2943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58FFC1
RGB	88, 255, 193
RGB Percent	35%, 100%, 76%
CMY	0.6549, 0.0000, 0.2431
CMYK	0.65, 0.00, 0.24, 0.00
HSL	158°, 100%, 67%
HSV	158°, 65%, 100%
XYZ	49.4101, 77.4449, 62.7963
YIQ	197.9990, -79.6300, -54.6860

# Conversions

## Conversions Part 2

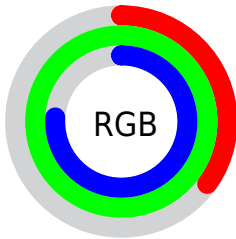
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">88, 191, 255</a>
Decimal	<a href="#">5832641</a>
CIELab	<a href="#">90.53, -57.13, 17.19</a>
CIELCh	<a href="#">91, 59.658, 163.256</a>
Yxy	<a href="#">77.4453, 0.2605, 0.4084</a>
Android (android.graphics.Color)	<a href="#">4284022721 (0xFF58FFC1)</a>
YUV	<a href="#">197.9990, -2.4645, -96.4691</a>
Hunter-Lab	<a href="#">88.0028, -53.7842, 19.2943</a>

# Details

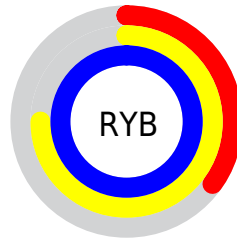
The HunterLab color **88.0028, -53.7842, 19.2943** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **55.1745, 65.9653, 4.1457**, and the grayscale version is **75.1820, -4.0115, 4.0848**.

A 20% lighter version of the original color is **92.3538, -33.3947, -1.7397**, and **64.6503, -45.1441, 16.6460** is the 20% darker color. If you saturate the color by 10%, you get **87.1790, -57.5966, 22.0438**, and if you desaturate by 10%, it is **89.0791, -48.9806, 16.6473**.

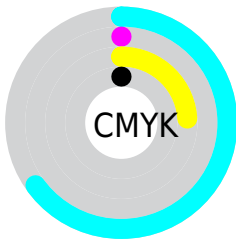
# Distribution



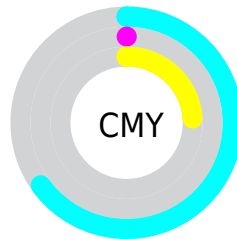
- Red (35%)
- Green (100%)
- Blue (76%)



- Red (35%)
- Yellow (75%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (65%)
- Magenta (0%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.0028, -53.7842, 19.2943 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 88.0028, -53.7842, 19.2943 by changing the saturation by 10% instead.





 88.0028, -53.7842,  
19.2943

 88.0028, -53.7842,  
19.2943


220.5178,  
-82.4825, 32.5865


 75.9068, -50.1525,  
17.8002


 113.9157,  
-60.6801, 22.2494

 64.4220, -46.3661,  
16.2886


 127.6841,  
-63.9834, 23.7200

 53.5831, -42.3880,  
14.7504


 141.9665,  
-67.2088, 25.1895

 43.4312, -38.1687,  
13.1738

 156.7449,  
-70.3668, 26.6603

 34.0163, -33.6378,  
11.5413

172.0033,  
-73.4663, 28.1341

 25.4015, -28.6913,  
9.8261

187.7270,

 17.6693, -23.1909,

-76.5148, 29.6123

7.9841

203.9026,  
-79.5184, 31.0961

■ 10.9352, -19.1365,  
7.2903

■ 2.4135, -4.2237,  
1.6895

■ 88.0028, -53.7842,  
19.2943

■ 88.0028, -53.7842,  
19.2943

■ 87.1790, -57.5966,  
22.0438

■ 89.0791, -48.9806,  
16.6473

■ 86.5864, -60.4692,  
24.8512

■ 90.4210, -43.1787,  
14.1463

■ 86.1956, -62.4987,  
27.6640

■ 92.0371, -36.3997,  
11.8266

■ 86.0637, -63.2235,  
28.9092

■ 93.9308, -28.6915,  
9.7178

■ 96.1015, -20.1213,  
7.8425

■ 98.5451, -10.7694,  
6.2163

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.



88.0030, -41.1348, 36.3235



88.0028, -53.7842, 19.2943



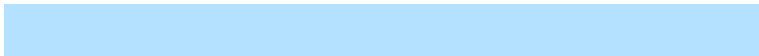
88.0030, -54.4846, -8.8730

# Triad

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



88.0030, -53.7833, 19.2936



88.0030, 9.0457, -67.9279



88.0030, 41.8216, 34.9091

# Complementary

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



88.0028, -53.7842, 19.2943



55.1745, 65.9653, 4.1457

# 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.



88.0030, 59.4115, 16.5625



88.0028, -53.7842, 19.2943



88.0030, 38.8354, -45.8195

# Square

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



88.0030, -53.7833, 19.2936



88.0030, -20.8469, -66.4229



88.0030, 58.2502, -12.6982



88.0030, 12.7015, 43.0238



# Rectangle

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



88.0028, -53.7842, 19.2943



88.0030, -48.2701, -31.2972



88.0030, 58.2502, -12.6982



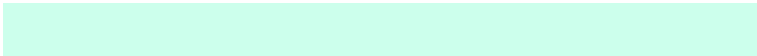
88.0030, 49.4445, 30.0624

# Sweetspot

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



88.0030, -53.7833, 19.2936



95.0880, -24.0896, 8.6585



88.8268, -54.0175, 47.6258



43.7131, -12.2500, 4.2526

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.0030, -53.7833, 19.2936



86.9458, -58.7087, 23.0257



83.0712, -33.7861, -16.9274



45.1224, -6.7609, 3.1639



62.2357, -45.5538, 20.5484



19.4741, -13.8803, 5.6226



# Inverse Universe

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



55.1745, 65.9653, 4.1457



50.4223, 76.2232, 8.2529



57.0806, 51.1828, 26.4779



42.5424, 2.2846, 1.7184



34.0055, 59.5734, 11.6027

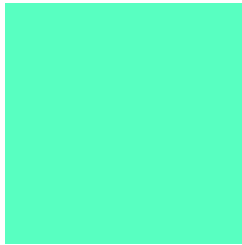


10.7061, 18.9376, 2.2427



# Previews

## White Background



This preview shows how the HunterLab color 88.0028, -53.7842, 19.2943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

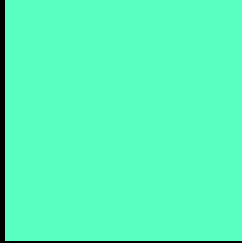
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.0028, -53.7842, 19.2943 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

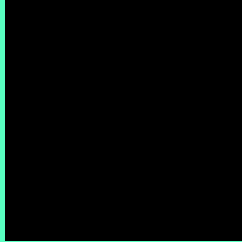
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

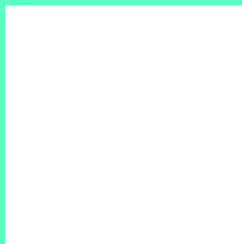
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.0028, -53.7842, 19.2943 Background



This preview shows how black text looks on a background with the HunterLab color 88.0028, -53.7842, 19.2943.



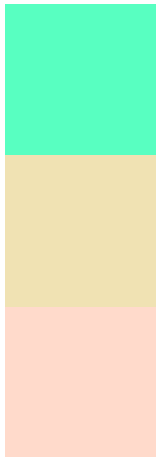
This preview shows how white text looks on a background with the HunterLab color 88.0028,

-53.7842, 19.2943.

# 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

88.0028, -53.7842, 19.2943

### Protanopia

87.2769, -6.9759, 24.6855

### Deuteranopia

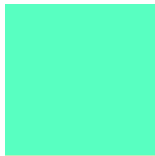
87.0141, 5.8688, 15.2223



## Tritanopia

87.5833, -24.6391, -10.5082

# Trichromacy



## Original Color

88.0028, -53.7842, 19.2943



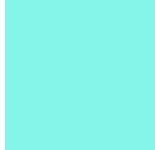
## Protanomaly

86.2226, -28.8633, 21.4420



## Deuteranomaly

85.2905, -21.3166, 14.6213



## Tritanomaly

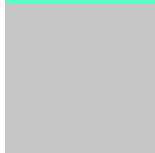
87.1989, -36.4620, 1.1840

# Monochromacy



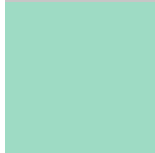
## Original Color

88.0028, -53.7842, 19.2943



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

78.6878, -25.6511, 8.6876

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.0028, -53.7842, 19.2943 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(88, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(88, 255, 193)  
}
```

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(88, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 255, 193) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.0028, -53.7842, 19.2943 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(88, 255, 193) }
```



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

```
.border{ border-color:rgb(88, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(88, 255,  
193) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.0028, -53.7842, 19.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 255, 193) }
```

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

```
.background{ background-color: rgb(88, 255,  
193) }
```

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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