

# Converting Colors

HunterLab(88.1470, -52.5759,  
14.5887)

Have a look what the booklet for  
HunterLab(88.1470, -52.5759,  
14.5887) contains.

<b>HunterLab(88.1599, -52.5186, 14.5606)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(88.1599,  
-52.5186, 14.5606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52FFCD
RGB	82, 255, 205
RGB Percent	32%, 100%, 80%
CMY	0.6784, 0.0000, 0.1961
CMYK	0.68, 0.00, 0.20, 0.00
HSL	163°, 100%, 66%
HSV	163°, 68%, 100%
XYZ	50.2592, 77.7217, 70.1106
YIQ	197.5730, -87.0580, -52.2260

# Conversions

## Conversions Part 2

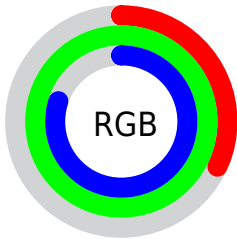
Format	Color
R <sub>Y</sub> B	82, 183, 255
Decimal	5439437
CIE Lab	90.65, -55.39, 11.18
CIE LCh	91, 56.502, 168.589
Yxy	77.7220, 0.2537, 0.3923
Android (android.graphics.Color)	4283629517 (0xFF52FFCD)
YUV	197.5730, 3.6615, -101.3575
Hunter-Lab	88.1599, -52.5186, 14.5606

# Details

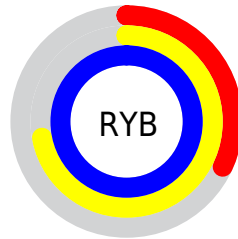
The HunterLab color **88.1599, -52.5186, 14.5606** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **53.8159, 66.4340, 10.2724**, and the grayscale version is **74.9781, -4.0006, 4.0737**.

A 20% lighter version of the original color is **92.3169, -33.1901, -4.4571**, and **64.9360, -43.3987, 12.5210** is the 20% darker color. If you saturate the color by 10%, you get **87.4275, -55.8748, 16.8133**, and if you desaturate by 10%, it is **89.1345, -48.2156, 12.4843**.

# Distribution



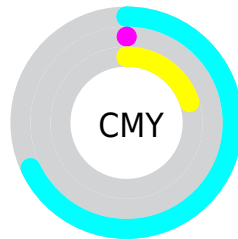
- Red (32%)
- Green (100%)
- Blue (80%)



- Red (32%)
- Yellow (72%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (68%)
- Magenta (0%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.1599, -52.5186, 14.5606 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 88.1599, -52.5186, 14.5606 by changing the saturation by 10% instead.





 88.1599, -52.5186,  
14.5606


 88.1599, -52.5186,  
14.5606


220.7311,  
-80.5054, 25.6494


 76.0563, -48.9873,  
13.3727


 114.0869,  
-59.2304, 16.9516


 64.5636, -45.3085,  
12.1875


 127.8619,  
-62.4487, 18.1600

 53.7163, -41.4464,  
10.9999


 142.1507,  
-65.5929, 19.3785

 43.5554, -37.3538,  
9.8038

 156.9353,  
-68.6731, 20.6081

 34.1308, -32.9629,  
8.5899

172.1997,  
-71.6980, 21.8495

 25.5053, -28.1733,  
7.3432

187.9292,

 17.7613, -22.8302,

-74.6744, 23.1032

6.0386

204.1104,  
-77.6086, 24.3698

■ 11.0136, -19.2738,  
5.0039

■ 2.6885, -4.7049,  
1.8819

■ 88.1599, -52.5186,  
14.5606

■ 88.1599, -52.5186,  
14.5606

■ 87.4275, -55.8748,  
16.8133

■ 89.1345, -48.2156,  
12.4843

■ 86.9141, -58.3495,  
19.1999

■ 90.3663, -42.9459,  
10.6238

■ 86.5852, -60.0633,  
21.6649

■ 91.8655, -36.7181,  
9.0089

■ 86.5266, -60.3807,  
22.1938

■ 93.6373, -29.5683,  
7.6625

■ 95.6824, -21.5533,  
6.6004

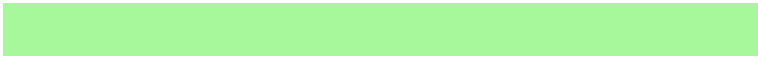
■ 97.9983, -12.7449,  
5.8307

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.



88.1601, -42.3753, 32.9255



88.1599, -52.5186, 14.5606



88.1601, -51.1288, -13.6172

# Triad

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



88.1601, -52.5176, 14.5599



88.1601, 13.5701, -60.8153



88.1601, 34.8167, 35.7746

# Complementary

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



88.1599, -52.5186, 14.5606



53.8159, 66.4340, 10.2724

# 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.



88.1601, 53.8905, 19.9384



88.1599, -52.5186, 14.5606



88.1601, 40.5834, -37.4338

# Square

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



88.1601, -52.5176, 14.5599



88.1601, -15.3565, -63.6718



88.1601, 56.1263, -6.2243



88.1601, 6.4697, 42.2907



# Rectangle

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



88.1599, -52.5186, 14.5606



88.1601, -43.8077, -34.5964



88.1601, 56.1263, -6.2243



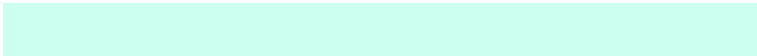
88.1601, 42.6728, 31.6510

# Sweetspot

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



88.1601, -52.5176, 14.5599



95.2177, -23.3538, 6.8051



87.8577, -58.0592, 47.7332



43.7810, -11.8626, 3.2811

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.1601, -52.5176, 14.5599



87.2429, -56.7479, 17.5552



77.7248, -27.5542, -24.7574



45.1516, -6.5983, 2.7473



62.5681, -43.5136, 15.7286



19.5720, -13.2813, 4.2071



# Inverse Universe

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



53.8159, 66.4340, 10.2724



49.4942, 75.7853, 14.7807



58.7367, 46.3599, 28.9458



42.5128, 2.1255, 2.1405



33.7450, 58.6146, 15.4085

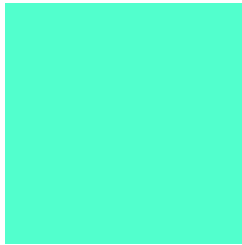


10.6146, 18.6025, 3.5672



# Previews

## White Background



This preview shows how the HunterLab color 88.1599, -52.5186, 14.5606 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

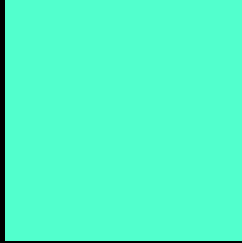
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.1599, -52.5186, 14.5606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

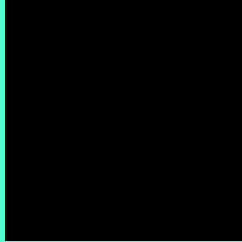
Any Text WCAG AA ✓ Pass

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 88.1599, -52.5186, 14.5606 Background



This preview shows how black text looks on a background with the HunterLab color 88.1599, -52.5186, 14.5606.



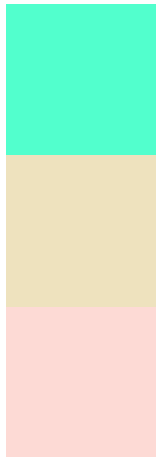
This preview shows how white text looks on a background with the HunterLab color 88.1599,

-52.5186, 14.5606.

# 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

88.1599, -52.5186, 14.5606

### Protanopia

87.3428, -6.2152, 20.6425

### Deuteranopia

87.0802, 6.6557, 10.9138



## Tritanopia

87.9197, -25.1207, -10.0643

# Trichromacy



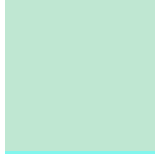
## Original Color

88.1599, -52.5186, 14.5606



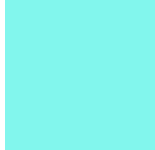
## Protanomaly

86.2162, -28.3315, 17.1247



## Deuteranomaly

85.3706, -20.4021, 9.9021



## Tritanomaly

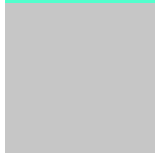
87.6195, -36.3006, -0.8606

# Monochromacy



## Original Color

88.1599, -52.5186, 14.5606



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

78.7071, -25.2846, 6.4302

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.1599, -52.5186, 14.5606 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(82, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 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(82, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.1599, -52.5186, 14.5606 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(82, 255, 205) }
```



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

```
.border{ border-color:rgb(82, 255, 205) }
```

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

Here you see how a box with a 4 pixel rgb(82, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.1599, -52.5186, 14.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 205) }
```

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

```
.background{ background-color: rgb(82, 255,  
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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