

# Converting Colors

Hex(58FFD9)

Have a look what the booklet for  
Hex(58FFD9) contains.

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**Color**

**Hex(58FFD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58FFD9
RGB	88, 255, 217
RGB Percent	35%, 100%, 85%
CMY	0.6549, 0.0000, 0.1490
CMYK	0.65, 0.00, 0.15, 0.00
HSL	166°, 100%, 67%
HSV	166°, 65%, 100%
XYZ	52.3089, 78.6045, 78.0609
YIQ	200.7350, -87.3340, -47.2220

# Conversions

## Conversions Part 2

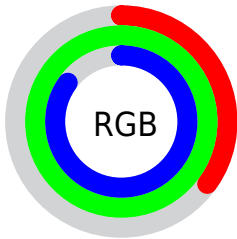
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 182, 255
Decimal	5832665
CIELab	91.06, -51.70, 5.58
CIELCh	91, 51.997, 173.843
Yxy	78.6045, 0.2503, 0.3761
Android (android.graphics.Color)	4284022745 (0xFF58FFD9)
YUV	200.7350, 8.0186, -98.8686
Hunter-Lab	88.6592, -49.8386, 9.8589

# Details

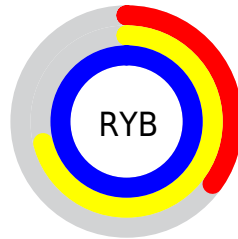
The Hex color **58FFD9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FF587E**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **9BFFFF**, and **00C5A2** is the 20% darker color. If you saturate the color by 10%, you get **3FFFD3**, and if you desaturate by 10%, it is **72FFDF**.

# Distribution



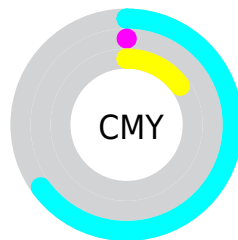
- Red (35%)
- Green (100%)
- Blue (85%)



- Red (35%)
- Yellow (71%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58FFD9 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 Hex color 58FFD9 by changing the saturation by 10% instead.



 58FFD9

 58FFD9

FFFFFF

 2EE2BD

 9BFFFF

 00C5A2

 BAAAAF

 00A988

 D9FFFF

 008E6F

 F8FFFF

 007456

 005A3F

 004129

 002B15

 000700

 58FFD9

 58FFD9

 3FFFD3

 72FFDF

 25FFCD

 8BFFE5

 0CFFC8

 A5FFEA

 00FFC5

 BEFFF0

 D8FFF6

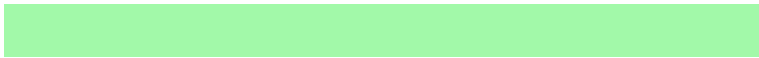
 F1FFFC

FFFFFF

# Harmonies

## Analogous

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



A2F9A9



58FFD9



00FFFF

# Triad

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



58FFD9



DBDCFF



FFCD97

# Complementary

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



58FFD9



FF587E

# 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.



FFC0C0



58FFD9



FFCAFF

# Square

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



58FFD9



84EEFF



FFBEF2



FFDF81

# Rectangle

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



58FFD9



00FCFF



FFBEF2



FFC8A3

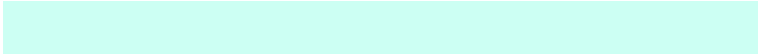


# Sweetspot

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



58FFD9



CCFFF3



7FFF58



618079



000000

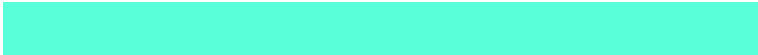


808080



# Same Dimension

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



58FFD9



36FFD1



58D2FF



73807D



00BF94



004031



# Inverse Universe

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



FF587E



FF3663



FF8558



807376



BF002C

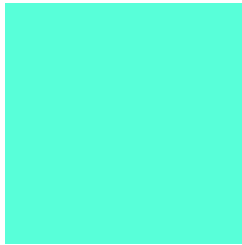


40000F



# Previews

## White Background



This preview shows how the Hex color 58FFD9 looks on a white background.

## Color Contrast Check

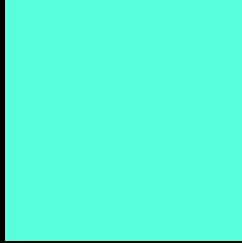
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 58FFD9 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](#).



## Hex 58FFD9 Background



This preview shows how black text looks on a background with the Hex color 58FFD9.

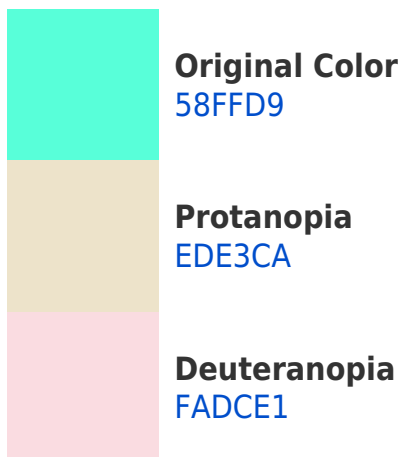


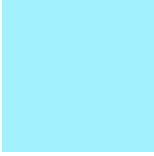
This preview shows how white text looks on a background with the Hex color 58FFD9.

# 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





**Tritanopia**  
A2F1FF

# Trichromacy



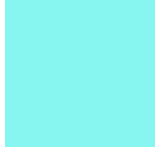
**Original Color**  
58FFD9



**Protanomaly**  
B7EDCF



**Deuteranomaly**  
BFE9DE

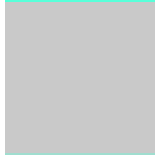


**Tritanomaly**  
87F6F1

# Monochromacy



**Original Color**  
58FFD9



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
A0DDCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58FFD9 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 #58FFD9 looks like.

```
.text, #text, p{  
    color:#58FFD9  
}
```

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 #58FFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58FFD9
}
```

## Border

The CSS property to change the border of an element to Hex 58FFD9 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
#58FFD9 }
```

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

```
.border{ border-color:#58FFD9 }
```

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

Here you see how a box with a 4 pixel #58FFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58FFD9; -webkit-box-shadow:4px 4px  
4px 4px #58FFD9; box-shadow:4px 4px 4px  
4px #58FFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 58FFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58FFD9 }
```

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

```
.background{ background-color:#58FFD9 }
```

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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