

# Converting Colors

Hex(54F8D9)

Have a look what the booklet for  
Hex(54F8D9) contains.

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# Color

**Hex(54F8D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54F8D9
RGB	84, 248, 217
RGB Percent	33%, 97%, 85%
CMY	0.6706, 0.0275, 0.1490
CMYK	0.66, 0.00, 0.13, 0.03
HSL	169°, 92%, 65%
HSV	169°, 66%, 97%
XYZ	49.7479, 74.0294, 77.3128
YIQ	195.4300, -87.7930, -44.4090

# Conversions

## Conversions Part 2

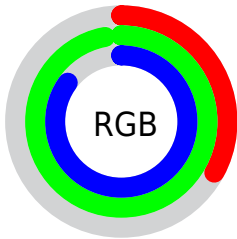
Format	Color
<b>RYB</b>	84, 175, 248
Decimal	5568729
CIELab	88.94, -49.36, 2.50
CIELCh	89, 49.427, 177.103
Yxy	74.0294, 0.2474, 0.3681
Android (android.graphics.Color)	4283758809 (0xFF54F8D9)
YUV	195.4300, 10.6340, -97.7241
Hunter-Lab	86.0403, -47.3631, 6.9524

# Details

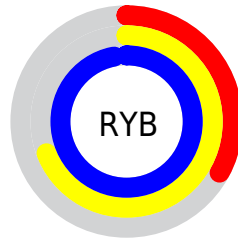
The Hex color **54F8D9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F85473**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **97FFFF**, and **00BFA2** is the 20% darker color. If you saturate the color by 10%, you get **3BF8D4**, and if you desaturate by 10%, it is **6DF8DE**.

# Distribution



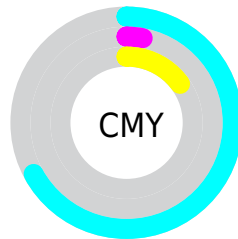
- Red (33%)
- Green (97%)
- Blue (85%)



- Red (33%)
- Yellow (69%)
- Blue (97%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (67%)
- Magenta (3%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54F8D9 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 54F8D9 by changing the saturation by 10% instead.



 54F8D9

 54F8D9

FFFFFF

 28DBBD

 97FFFF

 00BFA2

 B6FFFF

 00A388

 D5FFFF

 00886F

 F4FFFF

 006E56

 00543F

 003C29

 002615

 000000

 54F8D9

 54F8D9

 3BF8D4

 6DF8DE

 22F8D0

 86F8E2

 0AF8CB

 9EF8E7

 00F8C9

 B7F8EC

 D0F8F0

 E9F8F5

 FFF8FA

 FFF8FF

# Harmonies

## Analogous

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



9AF3AA



54F8D9



00F8FF

# Triad

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



54F8D9



DED5FF



FFCA92

# Complementary

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



54F8D9



F85473

# 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.



FFBDB7



54F8D9



FFC4FF

# Square

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



54F8D9



8FE5FF



FFBAE6



FFDB80

# Rectangle

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



54F8D9



00F4FF



FFBAE6



FFC59C

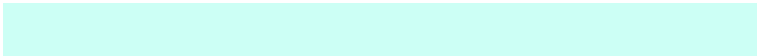


# Sweetspot

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



54F8D9



CCFFF5



75F854



61807A



000000



808080



# Same Dimension

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



54F8D9



36FFD9



54C7F8



707D7B



00BD99



003D32



# Inverse Universe

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



F85473



FF365C



F88554



7D7073



BD0024

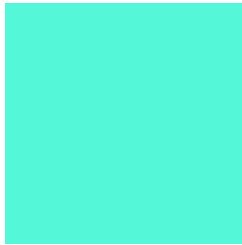


3D000C



# Previews

## White Background



This preview shows how the Hex color 54F8D9 looks on a white background.

## Color Contrast Check

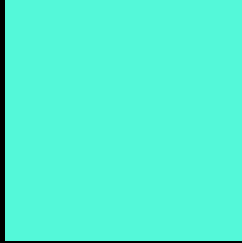
Large Text (above 18pt) WCAG AA × Fail

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 54F8D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

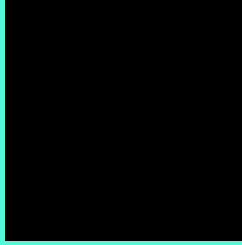
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54F8D9 Background



This preview shows how black text looks on a background with the Hex color 54F8D9.

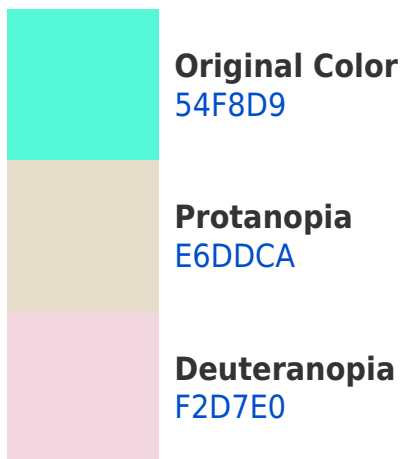


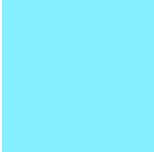
This preview shows how white text looks on a background with the Hex color 54F8D9.

# 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**  
85EEFF

# Trichromacy



**Original Color**  
54F8D9



**Protanomaly**  
B1E7CF



**Deuteranomaly**  
B9E3DD

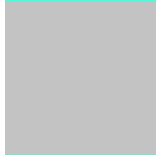


**Tritanomaly**  
73F2F1

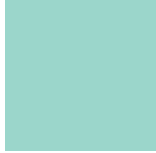
# Monochromacy



**Original Color**  
54F8D9



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9BD6CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54F8D9 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 #54F8D9 looks like.

```
.text, #text, p{  
    color:#54F8D9  
}
```

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 #54F8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54F8D9
}
```

## Border

The CSS property to change the border of an element to Hex 54F8D9 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
#54F8D9 }
```

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

```
.border{ border-color:#54F8D9 }
```

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

Here you see how a box with a 4 pixel #54F8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54F8D9; -webkit-box-shadow:4px 4px  
4px 4px #54F8D9; box-shadow:4px 4px 4px  
4px #54F8D9 }
```

# Background

The CSS property to change the background color of an element to Hex 54F8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54F8D9 }
```

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

```
.background{ background-color:#54F8D9 }
```

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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