

# Converting Colors

Hex(5FD4C9)

Have a look what the booklet for  
Hex(5FD4C9) contains.

<b>Hex(5FD4C9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5FD4C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD4C9
RGB	95, 212, 201
RGB Percent	37%, 83%, 79%
CMY	0.6275, 0.1686, 0.2118
CMYK	0.55, 0.00, 0.05, 0.17
HSL	174°, 58%, 60%
HSV	174°, 55%, 83%
XYZ	38.8054, 53.7369, 63.5853
YIQ	175.7630, -66.2010, -28.2250

# Conversions

## Conversions Part 2

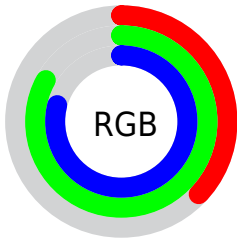
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 156, 212
Decimal	6280393
CIELab	78.31, -35.57, -4.57
CIELCh	78, 35.866, 187.323
Yxy	53.7369, 0.2485, 0.3442
Android (android.graphics.Color)	4284470473 (0xFF5FD4C9)
YUV	175.7630, 12.4418, -70.8292
Hunter-Lab	73.3055, -33.7927, -0.1145

# Details

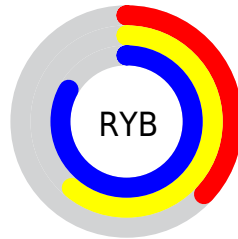
The Hex color **5FD4C9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D45F6A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9BFFFF**, and **129D93** is the 20% darker color. If you saturate the color by 10%, you get **4AD4C7**, and if you desaturate by 10%, it is **74D4CB**.

# Distribution



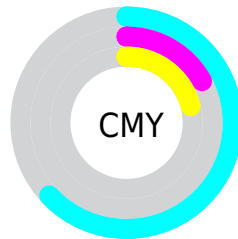
- Red (37%)
- Green (83%)
- Blue (79%)



- Red (37%)
- Yellow (61%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FD4C9 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 5FD4C9 by changing the saturation by 10% instead.



 5FD4C9

 5FD4C9

FFFFFF

 3FB8AE

 9BFFFF

 129D93

 B8FFFF

 008279

 D6FFFF

 006961

 F4FFFF

 005049

 003833

 00241D

 000004

 000000

 5FD4C9

 5FD4C9

 4AD4C7

 74D4CB

 35D4C5

 89D4CD

 1FD4C3

 9FD4CF

 0AD4C1

 B4D4D1

 00D4C0

 C9D4D3

 DED4D5

 F3D4D7

 FFD4D9

 FFD4DB

# Harmonies

## Analogous

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



85D2A7



5FD4C9



50D2E9

# Triad

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



5FD4C9



D1B6F7



EEB785

# Complementary

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



5FD4C9



D45F6A

# 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.



FFAD9B



5FD4C9



F3ACDC

# Square

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



5FD4C9



A1C2FF



FFA8BB



D1C27F

# Rectangle

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



5FD4C9



60CFF9



FFA8BB



F6B38B

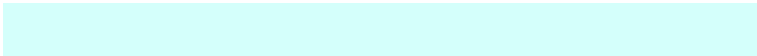


# Sweetspot

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



5FD4C9



D4FFFB



6BD45F



66807D



000000



808080



# Same Dimension

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



5FD4C9



57FFEF



5FA5D4



606B6A



00AB9B



002B27



# Inverse Universe

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



D45F6A



FF5767



D48E5F



6B6061



AB0010

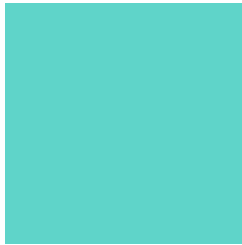


2B0004



# Previews

## White Background



This preview shows how the Hex color 5FD4C9 looks on a white background.

## Color Contrast Check

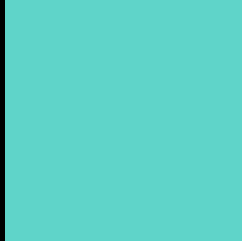
Large Text (above 18pt) WCAG AA × Fail

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 5FD4C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

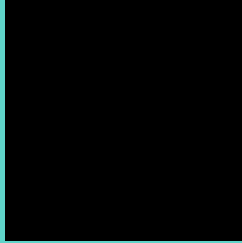
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

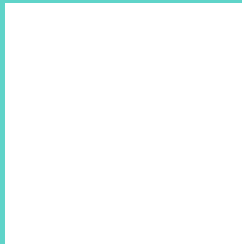
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5FD4C9 Background



This preview shows how black text looks on a background with the Hex color 5FD4C9.

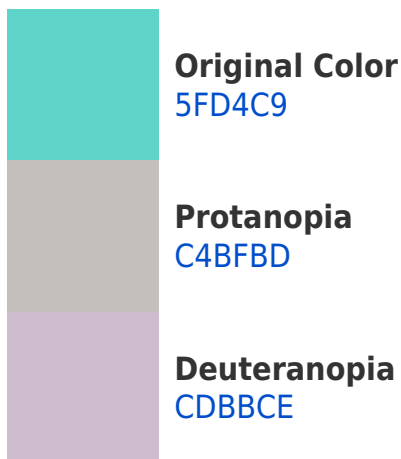


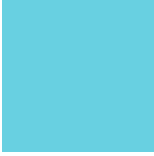
This preview shows how white text looks on a background with the Hex color 5FD4C9.

# 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**  
68D0E1

# Trichromacy



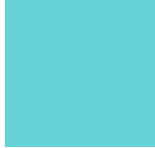
**Original Color**  
5FD4C9



**Protanomaly**  
9FC7C1



**Deuteranomaly**  
A5C4CC

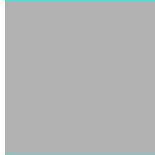


**Tritanomaly**  
65D1D8

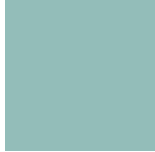
# Monochromacy



**Original Color**  
5FD4C9



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
93BDB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FD4C9 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 #5FD4C9 looks like.

```
.text, #text, p{  
    color:#5FD4C9  
}
```

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 #5FD4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD4C9
}
```

## Border

The CSS property to change the border of an element to Hex 5FD4C9 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
#5FD4C9 }
```

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

```
.border{ border-color:#5FD4C9 }
```

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

Here you see how a box with a 4 pixel #5FD4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD4C9; -webkit-box-shadow:4px 4px  
4px 4px #5FD4C9; box-shadow:4px 4px 4px  
4px #5FD4C9 }
```

# Background

The CSS property to change the background color of an element to Hex 5FD4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD4C9 }
```

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

```
.background{ background-color:#5FD4C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor