

Converting Colors

Hex(5FD09C)

Have a look what the booklet for
Hex(5FD09C) contains.

Hex(5FD09C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FD09C)

Conversions

Conversions Part 1

Format	Color
Hex	5FD09C
RGB	95, 208, 156
RGB Percent	37%, 82%, 61%
CMY	0.6275, 0.1843, 0.3882
CMYK	0.54, 0.00, 0.25, 0.18
HSL	152°, 55%, 59%
HSV	152°, 54%, 82%
XYZ	33.2759, 49.9449, 39.3390
YIQ	168.2850, -50.6560, -40.1280

Conversions

Conversions Part 2

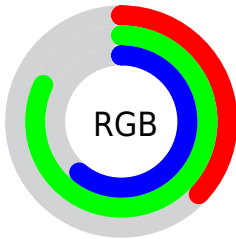
Format	Color
RYB	95, 168, 208
Decimal	6279324
CIELab	76.04, -44.31, 16.24
CIELCh	76, 47.187, 159.875
Yxy	49.9449, 0.2715, 0.4075
Android (android.graphics.Color)	4284469404 (0xFF5FD09C)
YUV	168.2850, -6.0565, -64.2709
Hunter-Lab	70.6717, -39.6284, 16.4668

Details

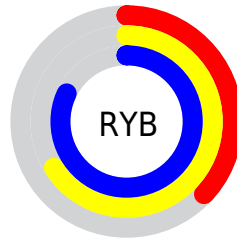
The Hex color **5FD09C** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D05F93**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **99FFD3**, and **1B9969** is the 20% darker color. If you saturate the color by 10%, you get **4AD092**, and if you desaturate by 10%, it is **74D0A6**.

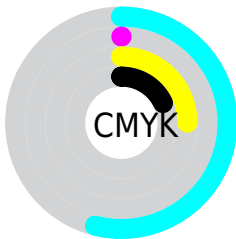
Distribution



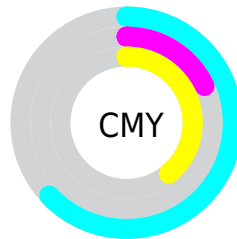
- Red (37%)
- Green (82%)
- Blue (61%)



- Red (37%)
- Yellow (66%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (63%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD09C 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 5FD09C by changing the saturation by 10% instead.

 5FD09C

 5FD09C

FFFFFF

 41B482

 99FFD3

 1B9969

 B6FFE0

 007E50

 D3FFFF

 006439

 F1FFFF

 004C23

 00340E

 001D00

 000000

 5FD09C

 5FD09C

 4AD092

 74D0A6

 35D089

 89D0AF

 21D07F

 9DD0B9

 0CD076

 B2D0C2

 00D070

 C7D0CC

 DCD0D5

 F1D0DF

 FFD0E9

 FFD0F2

Harmonies

Analogous

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



99C977



5FD09C



00D2C9

Triad

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



5FD09C



90BBFF



FFA086

Complementary

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



5FD09C



D05F93

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.



FF98AF



5FD09C



D2ABFF

Square

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



5FD09C



29C8FF



FD9DDA



EFAF6A

Rectangle

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



5FD09C



00D1E5



FD9DDA



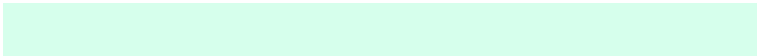
FF9C92

Sweetspot

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



5FD09C



D6FFEC



94D05F



678074



000000



808080

Same Dimension

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



5FD09C



59FFB3



5FCCD0



5E6964



00A85B



002916

Inverse Universe

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



D05F93



FF59A6



D0635F



695E63



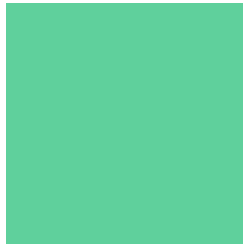
A8004D



290013

Previews

White Background



This preview shows how the Hex color 5FD09C 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 5FD09C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

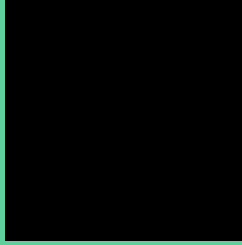
Any Text WCAG AA ✓ Pass

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 5FD09C Background



This preview shows how black text looks on a background with the Hex color 5FD09C.

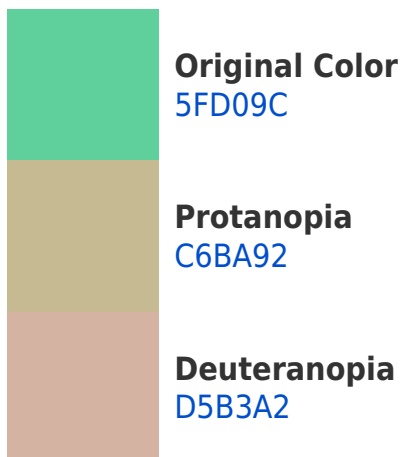


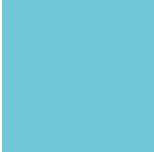
This preview shows how white text looks on a background with the Hex color 5FD09C.

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](#).

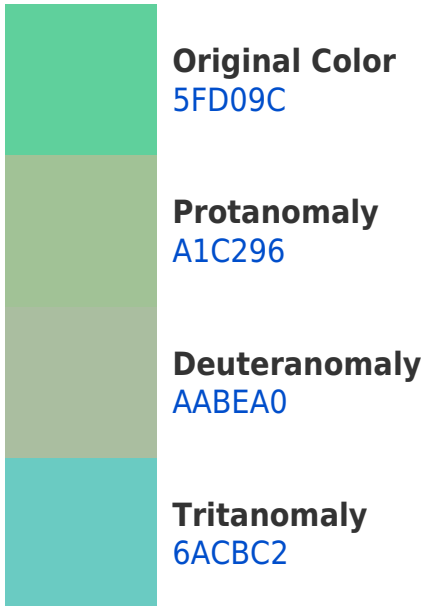
Dichromacy



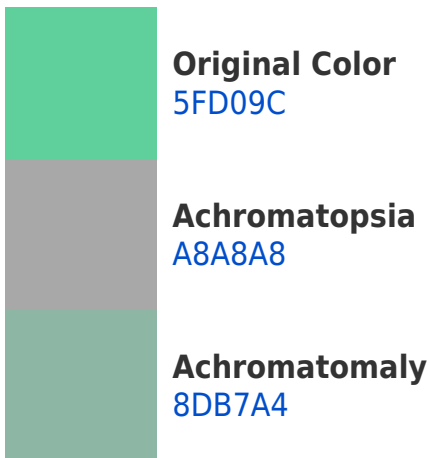


Tritanopia
71C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD09C 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 #5FD09C looks like.

```
.text, #text, p{  
    color:#5FD09C  
}
```

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 #5FD09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD09C
}
```

Border

The CSS property to change the border of an element to Hex 5FD09C 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
#5FD09C }
```

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

```
.border{ border-color:#5FD09C }
```

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

Here you see how a box with a 4 pixel #5FD09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD09C; -webkit-box-shadow:4px 4px  
4px 4px #5FD09C; box-shadow:4px 4px 4px  
4px #5FD09C }
```

Background

The CSS property to change the background color of an element to Hex 5FD09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD09C }
```

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

```
.background{ background-color:#5FD09C }
```

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