

Converting Colors

Hex(5FC1A9)

Have a look what the booklet for
Hex(5FC1A9) contains.

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Color

Hex(5FC1A9)

Conversions

Conversions Part 1

Format	Color
Hex	5FC1A9
RGB	95, 193, 169
RGB Percent	37%, 76%, 66%
CMY	0.6275, 0.2431, 0.3373
CMYK	0.51, 0.00, 0.12, 0.24
HSL	165°, 44%, 56%
HSV	165°, 51%, 76%
XYZ	30.9507, 43.4374, 44.2891
YIQ	160.9620, -50.7040, -28.2400

Conversions

Conversions Part 2

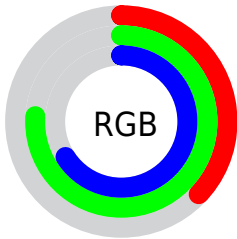
Format	Color
RYB	95, 151, 193
Decimal	6275497
CIELab	71.85, -34.68, 3.28
CIElCh	72, 34.831, 174.596
Yxy	43.4374, 0.2608, 0.3660
Android (android.graphics.Color)	4284465577 (0xFF5FC1A9)
YUV	160.9620, 3.9627, -57.8487
Hunter-Lab	65.9071, -31.5117, 6.2925

Details

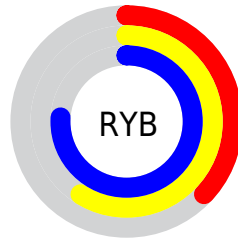
The Hex color **5FC1A9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C15F77**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **98FAE0**, and **208B75** is the 20% darker color. If you saturate the color by 10%, you get **4CC1A4**, and if you desaturate by 10%, it is **72C1AE**.

Distribution



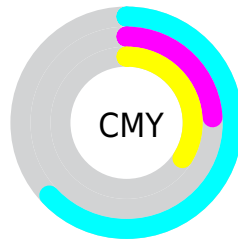
- Red (37%)
- Green (76%)
- Blue (66%)



- Red (37%)
- Yellow (59%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC1A9 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 5FC1A9 by changing the saturation by 10% instead.

 5FC1A9

 5FC1A9

FFFFFF

 42A68F

 98FAE0

 208B75

 B4FFFD

 00715C

 D1FFFF

 005845

 EFFFFFF

 00402F

 00291A

 000C00

 000000

 5FC1A9

 5FC1A9

 4CC1A4

 72C1AE

 38C1A0

 86C1B2

 25C19B

 99C1B7

 12C196

 ACC1BC

 00C192

 C0C1C1

 D3C1C5

 E6C1CA

 F9C1CF

 FFC1D4

Harmonies

Analogous

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



86BD8A



5FC1A9



40C1C9

Triad

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



5FC1A9



ACAAEA



E3A17D

Complementary

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



5FC1A9



C15F77

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.



EF9997



5FC1A9



D39FD5

Square

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



5FC1A9



7BB5EF



EA98B7



CBAC71

Rectangle

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



5FC1A9



42BFDC



EA98B7



E99E85

Sweetspot

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



5FC1A9



D4FAF1



77C15F



667D77



FCFCFC



7D7D7D

Same Dimension

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



5FC1A9



61FAD5



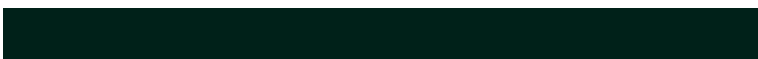
5FA9C1



57615F



00A179



002119

Inverse Universe

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



C15F77



FA6187



C1775F



61575A



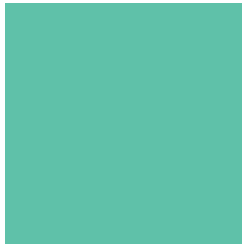
A10027



210008

Previews

White Background



This preview shows how the Hex color 5FC1A9 looks on a white background.

Color Contrast Check

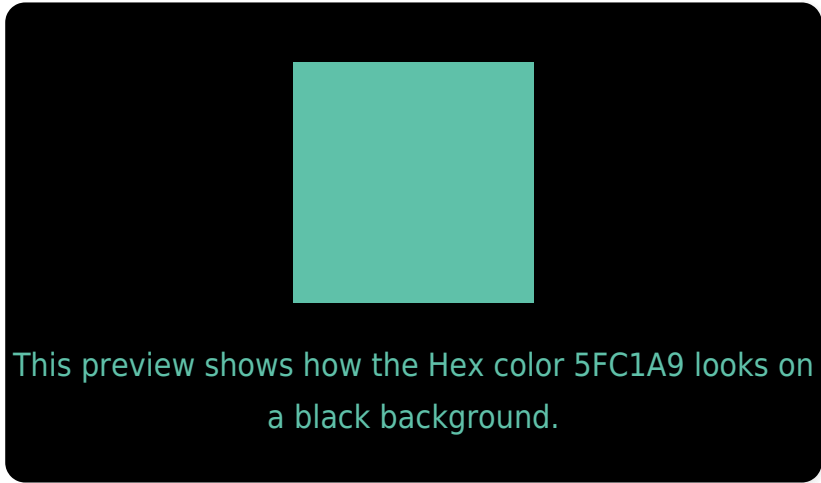
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

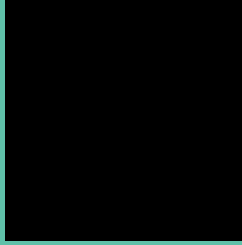
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

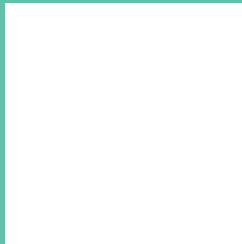
Any Text WCAG AAA ✓ Pass

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

Hex 5FC1A9 Background



This preview shows how black text looks on a background with the Hex color 5FC1A9.

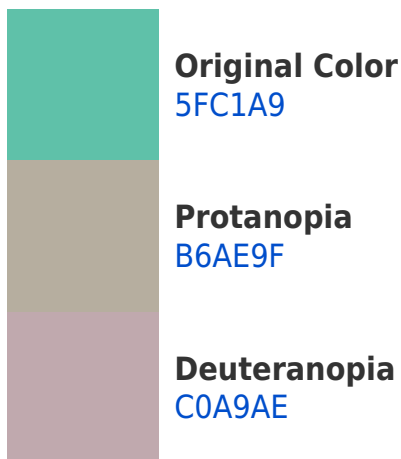


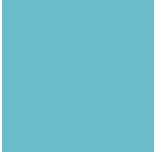
This preview shows how white text looks on a background with the Hex color 5FC1A9.

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](#).

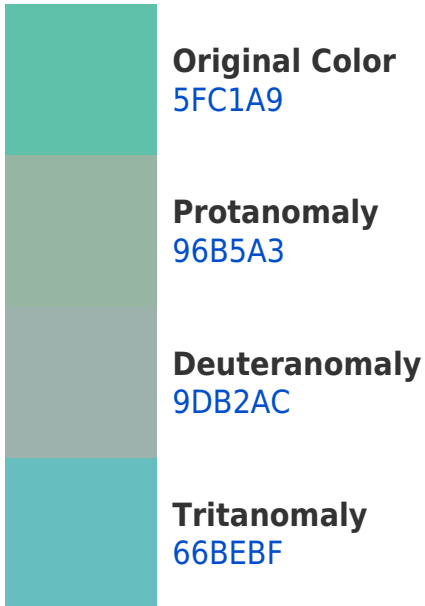
Dichromacy



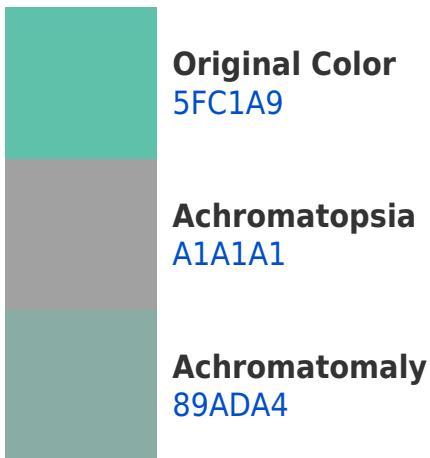


Tritanopia
6ABCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC1A9 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 #5FC1A9 looks like.

```
.text, #text, p{  
    color:#5FC1A9  
}
```

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 #5FC1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC1A9
}
```

Border

The CSS property to change the border of an element to Hex 5FC1A9 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
#5FC1A9 }
```

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

```
.border{ border-color:#5FC1A9 }
```

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

Here you see how a box with a 4 pixel #5FC1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC1A9; -webkit-box-shadow:4px 4px  
4px 4px #5FC1A9; box-shadow:4px 4px 4px  
4px #5FC1A9 }
```

Background

The CSS property to change the background color of an element to Hex 5FC1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC1A9 }
```

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

```
.background{ background-color:#5FC1A9 }
```

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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