

Converting Colors

Hex(4FC2A9)

Have a look what the booklet for
Hex(4FC2A9) contains.

Hex(4FC2A9)	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(4FC2A9)

Conversions

Conversions Part 1

Format	Color
Hex	4FC2A9
RGB	79, 194, 169
RGB Percent	31%, 76%, 66%
CMY	0.6902, 0.2392, 0.3373
CMYK	0.59, 0.00, 0.13, 0.24
HSL	167°, 49%, 54%
HSV	167°, 59%, 76%
XYZ	29.6777, 43.1104, 44.2931
YIQ	156.7650, -60.5150, -32.1550

Conversions

Conversions Part 2

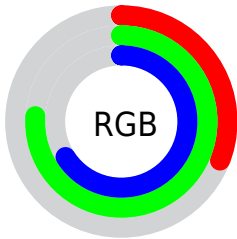
Format	Color
RYB	79, 144, 194
Decimal	5227177
CIELab	71.63, -38.51, 2.89
CIElCh	72, 38.615, 175.701
Yxy	43.1104, 0.2535, 0.3682
Android (android.graphics.Color)	4283417257 (0xFF4FC2A9)
YUV	156.7650, 6.0319, -68.1999
Hunter-Lab	65.6585, -34.2204, 5.9641

Details

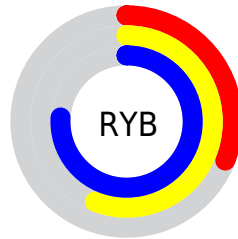
The Hex color **4FC2A9** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C24F68**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8AFBE0**, and **008C75** is the 20% darker color. If you saturate the color by 10%, you get **3CC2A5**, and if you desaturate by 10%, it is **62C2AD**.

Distribution



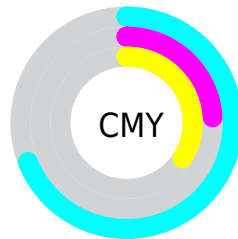
- Red (31%)
- Green (76%)
- Blue (66%)



- Red (31%)
- Yellow (56%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC2A9 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 4FC2A9 by changing the saturation by 10% instead.

 4FC2A9

 4FC2A9

FFFFFF

 2DA68F

 8AFBE0

 008C75

 A8FFFD

 00725C

 C5FFFF

 005845

 E3FFFF

 00402F

 002A1A

 000B00

 000000

 4FC2A9

 4FC2A9

■ 3CC2A5

■ 62C2AD

■ 28C2A1

■ 76C2B1

■ 15C29C

■ 89C2B6

■ 01C298

■ 9DC2BA

■ 00C298

■ B0C2BE

■ C3C2C2

■ D7C2C7

■ EAC2CB

■ FEC2CF

Harmonies

Analogous

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



7EBE87



4FC2A9



1AC2CD

Triad

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



4FC2A9



ACA8EF



E69F76

Complementary

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



4FC2A9



C24F68

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.



F49693



4FC2A9



D79CD8

Square

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



4FC2A9



73B4F5



EF94B6



CBAC69

Rectangle

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



4FC2A9



1EBFE1



EF94B6



EC9C7F

Sweetspot

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



4FC2A9



CFFCF3



6AC24F



638079



000000



808080

Same Dimension

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



4FC2A9



49FCD5



4FA3C2



57615F



00A17E



00211A

Inverse Universe

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



C24F68



FC4970



C26E4F



615759



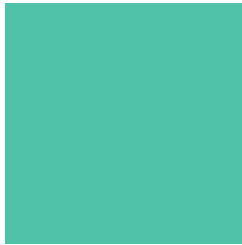
A10023



210007

Previews

White Background



This preview shows how the Hex color 4FC2A9 looks on a white background.

Color Contrast Check

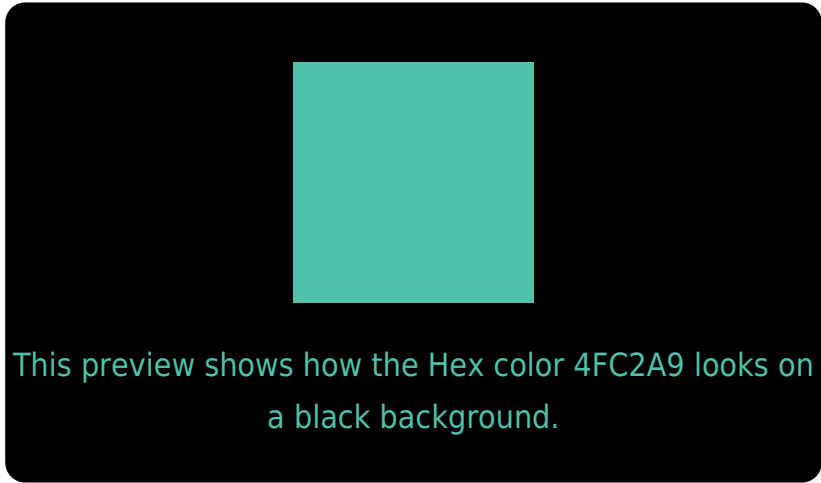
Large Text (above 18pt) WCAG AA × Fail

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

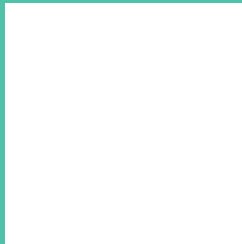
Any Text WCAG AAA ✓ Pass

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

Hex 4FC2A9 Background



This preview shows how black text looks on a background with the Hex color 4FC2A9.



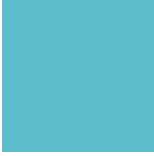
This preview shows how white text looks on a background with the Hex color 4FC2A9.

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





Trichromacy



Original Color
4FC2A9



Protanomaly
90B5A2



Deuteranomaly
96B2AC



Tritanomaly
57BFBF

Monochromacy



Original Color
4FC2A9



Achromatopsia
9D9D9D



Achromatomaly
81AAA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC2A9 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 #4FC2A9 looks like.

```
.text, #text, p{  
    color:#4FC2A9  
}
```

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 #4FC2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC2A9
}
```

Border

The CSS property to change the border of an element to Hex 4FC2A9 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
#4FC2A9 }
```

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

```
.border{ border-color:#4FC2A9 }
```

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

Here you see how a box with a 4 pixel #4FC2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC2A9; -webkit-box-shadow:4px 4px  
4px 4px #4FC2A9; box-shadow:4px 4px 4px  
4px #4FC2A9 }
```

Background

The CSS property to change the background color of an element to Hex 4FC2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC2A9 }
```

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

```
.background{ background-color:#4FC2A9 }
```

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