

# Converting Colors

Hex(4FC29F)

Have a look what the booklet for  
Hex(4FC29F) contains.

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**Color**

**Hex(4FC29F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC29F
RGB	79, 194, 159
RGB Percent	31%, 76%, 62%
CMY	0.6902, 0.2392, 0.3765
CMYK	0.59, 0.00, 0.18, 0.24
HSL	162°, 49%, 54%
HSV	162°, 59%, 76%
XYZ	28.7742, 42.7490, 39.5357
YIQ	155.6250, -57.3050, -35.2650

# Conversions

## Conversions Part 2

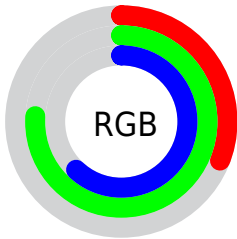
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 147, 194
Decimal	5227167
CIELab	71.38, -40.93, 7.98
CIELCh	71, 41.696, 168.967
Yxy	42.7490, 0.2591, 0.3849
Android (android.graphics.Color)	4283417247 (0xFF4FC29F)
YUV	155.6250, 1.6639, -67.2001
Hunter-Lab	65.3828, -35.8639, 9.9164

# Details

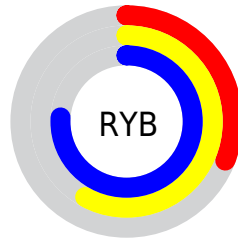
The Hex color **4FC29F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C24F72**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8AFBD6**, and **008C6C** is the 20% darker color. If you saturate the color by 10%, you get **3CC299**, and if you desaturate by 10%, it is **62C2A5**.

# Distribution



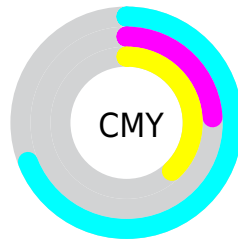
- Red (31%)
- Green (76%)
- Blue (62%)



- Red (31%)
- Yellow (58%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC29F 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 4FC29F by changing the saturation by 10% instead.



 4FC29F

 4FC29F

FFFFFF

 2EA685

 8AFBD6

 008C6C

 A7FFF2

 007153

 C4FFFF

 00583C

 E2FFFF

 004026

 002A12

 000900

 000000

 4FC29F

 4FC29F

 3CC299


 62C2A5

 28C293

 76C2AB

 15C28D

 89C2B1

 01C287

 9DC2B7

 00C287

 B0C2BD

 C3C2C2

 D7C2C8

 EAC2CE

 FEC2D4

# Harmonies

## Analogous

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



84BD7C



4FC29F



00C3C6

# Triad

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



4FC29F



9EAAF7



EE9B77

# Complementary

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



4FC29F



C24F72

# 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.



F99298



4FC29F



D19CE1

# Square

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



4FC29F



59B7F9



EF92BF



D4A864

# Rectangle

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



4FC29F



00C1DD



EF92BF



F39781

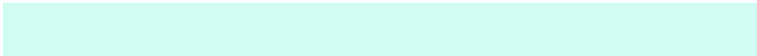


# Sweetspot

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



4FC29F



CFFCEF



73C24F



638077



000000



808080



# Same Dimension

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



4FC29F



49FCC6



4FADC2



57615E



00A170



002117



# Inverse Universe

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



C24F72



FC4980



C2644F



61575A



A10031

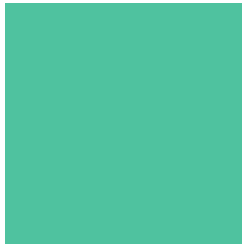


21000A



# Previews

## White Background



This preview shows how the Hex color 4FC29F looks on a white background.

## Color Contrast Check

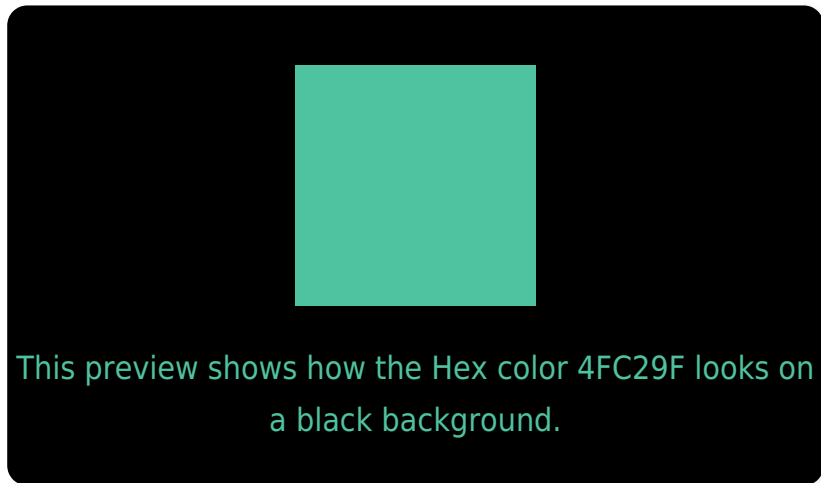
Large Text (above 18pt) WCAG AA × Fail

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

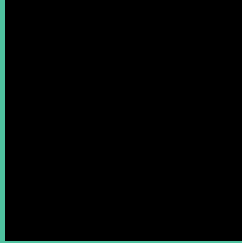
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FC29F Background



This preview shows how black text looks on a background with the Hex color 4FC29F.



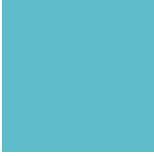
This preview shows how white text looks on a background with the Hex color 4FC29F.

# 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**  
4FC29F



**Protanomaly**  
91B598



**Deuteranomaly**  
98B1A3



**Tritanomaly**  
59BEBB

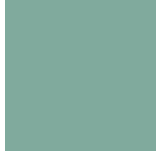
# Monochromacy



**Original Color**  
4FC29F



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
80AA9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC29F 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 #4FC29F looks like.

```
.text, #text, p{  
    color:#4FC29F  
}
```

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 #4FC29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC29F
}
```

## Border

The CSS property to change the border of an element to Hex 4FC29F 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
#4FC29F }
```

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

```
.border{ border-color:#4FC29F }
```

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

Here you see how a box with a 4 pixel #4FC29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC29F; -webkit-box-shadow:4px 4px  
4px 4px #4FC29F; box-shadow:4px 4px 4px  
4px #4FC29F }
```

# Background

The CSS property to change the background color of an element to Hex 4FC29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC29F }
```

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

```
.background{ background-color:#4FC29F }
```

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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