

Converting Colors

Hex(4FC294)

Have a look what the booklet for
Hex(4FC294) contains.

Hex(4FC294)	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(4FC294)

Conversions

Conversions Part 1

Format	Color
Hex	4FC294
RGB	79, 194, 148
RGB Percent	31%, 76%, 58%
CMY	0.6902, 0.2392, 0.4196
CMYK	0.59, 0.00, 0.24, 0.24
HSL	156°, 49%, 54%
HSV	156°, 59%, 76%
XYZ	27.8615, 42.3840, 34.7294
YIQ	154.3710, -53.7740, -38.6860

Conversions

Conversions Part 2

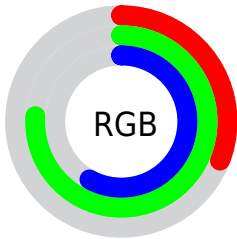
Format	Color
RYB	79, 151, 194
Decimal	5227156
CIELab	71.13, -43.44, 13.58
CIELCh	71, 45.512, 162.636
Yxy	42.3840, 0.2654, 0.4038
Android (android.graphics.Color)	4283417236 (0xFF4FC294)
YUV	154.3710, -3.1409, -66.1004
Hunter-Lab	65.1030, -37.5391, 13.9436

Details

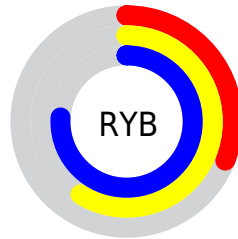
The Hex color **4FC294** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C24F7D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8AFBCA**, and **008B61** is the 20% darker color. If you saturate the color by 10%, you get **3CC28C**, and if you desaturate by 10%, it is **62C29C**.

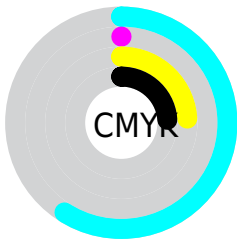
Distribution



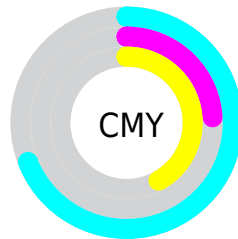
- Red (31%)
- Green (76%)
- Blue (58%)



- Red (31%)
- Yellow (59%)
- Blue (76%)



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



- Cyan (69%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC294 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 4FC294 by changing the saturation by 10% instead.



4FC294



4FC294

FFFFFF



2EA67A



8AFBCA



008B61



A7FFE6



007149



C4FFFF



005833



E1FFFF



00401D



002A05



000800



000000



4FC294



4FC294

 3CC28C

 62C29C

 28C284

 76C2A4

 15C27D

 89C2AB

 01C275

 9DC2B3

 00C274

 B0C2BB

 C3C2C3

 D7C2CA

 EAC2D2

 FEC2DA

Harmonies

Analogous

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



89BC6F



4FC294



00C4BF

Triad

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



4FC294



8BACFF



F69578

Complementary

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



4FC294



C24F7D

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.



FD8D9E



4FC294



C99DEB

Square

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



4FC294



2BB9FD



EF90C8



DCA35F

Rectangle

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



4FC294



00C2DA



EF90C8



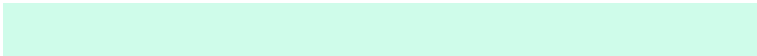
FB9184

Sweetspot

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



4FC294



CFFCEA



7DC24F



638074



000000



808080

Same Dimension

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



4FC294



49FCB5



4FB6C2



57615D



00A160



002114

Inverse Universe

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



C24F7D



FC4991



C25B4F



61575B



A10040



21000D

Previews

White Background



This preview shows how the Hex color 4FC294 looks on a white background.

Color Contrast Check

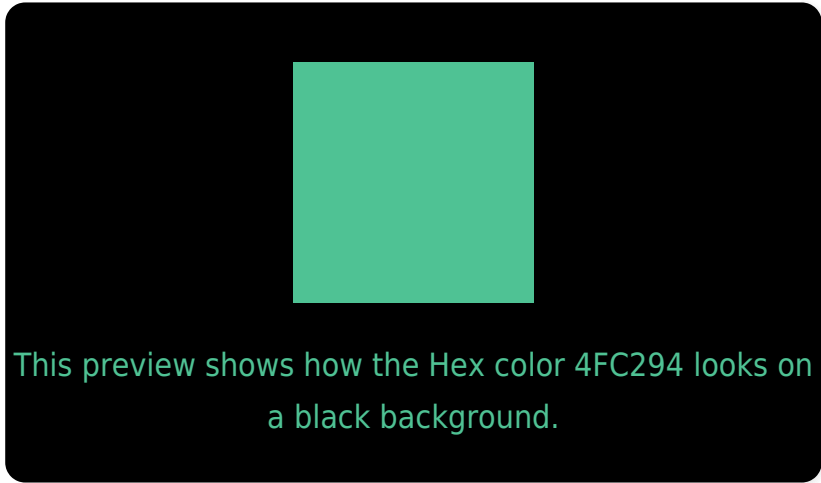
Large Text (above 18pt) WCAG AA × Fail

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

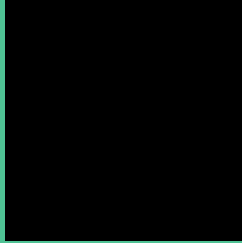
Any Text WCAG AA ✓ Pass

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 4FC294 Background



This preview shows how black text looks on a background with the Hex color 4FC294.

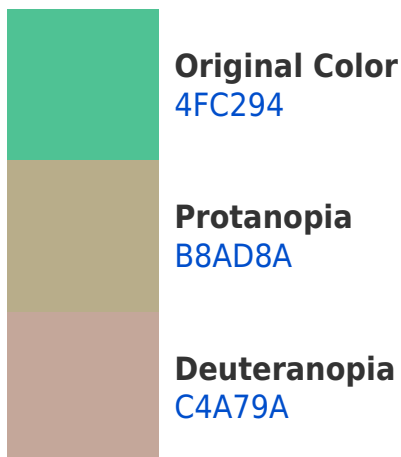


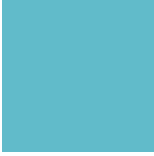
This preview shows how white text looks on a background with the Hex color 4FC294.

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
61BBCA

Trichromacy



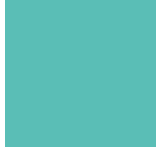
Original Color
4FC294



Protanomaly
92B58E



Deuteranomaly
99B198



Tritanomaly
5ABEB6

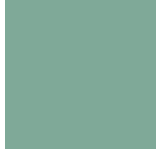
Monochromacy



Original Color
4FC294



Achromatopsia
9A9A9A



Achromatomaly
7FA998

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC294 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 #4FC294 looks like.

```
.text, #text, p{  
    color:#4FC294  
}
```

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 #4FC294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC294
}
```

Border

The CSS property to change the border of an element to Hex 4FC294 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
#4FC294 }
```

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

```
.border{ border-color:#4FC294 }
```

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

Here you see how a box with a 4 pixel #4FC294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC294; -webkit-box-shadow:4px 4px  
4px 4px #4FC294; box-shadow:4px 4px 4px  
4px #4FC294 }
```

Background

The CSS property to change the background color of an element to Hex 4FC294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC294 }
```

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

```
.background{ background-color:#4FC294 }
```

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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