

Converting Colors

Hex(4FC194)

Have a look what the booklet for
Hex(4FC194) contains.

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Color

Hex(4FC194)

Conversions

Conversions Part 1

Format	Color
Hex	4FC194
RGB	79, 193, 148
RGB Percent	31%, 76%, 58%
CMY	0.6902, 0.2431, 0.4196
CMYK	0.59, 0.00, 0.23, 0.24
HSL	156°, 48%, 53%
HSV	156°, 59%, 76%
XYZ	27.6397, 41.9403, 34.6555
YIQ	153.7840, -53.4990, -38.1630

Conversions

Conversions Part 2

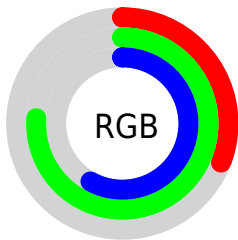
Format	Color
RYB	79, 150, 193
Decimal	5226900
CIELab	70.83, -43.01, 13.15
CIELCh	71, 44.973, 162.994
Yxy	41.9403, 0.2652, 0.4024
Android (android.graphics.Color)	4283416980 (0xFF4FC194)
YUV	153.7840, -2.8515, -65.5856
Hunter-Lab	64.7613, -37.1497, 13.6053

Details

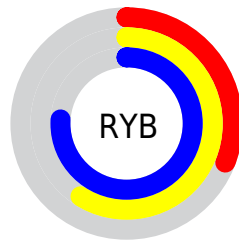
The Hex color **4FC194** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C14F7C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8AFACA**, and **008B61** is the 20% darker color. If you saturate the color by 10%, you get **3CC18C**, and if you desaturate by 10%, it is **62C19C**.

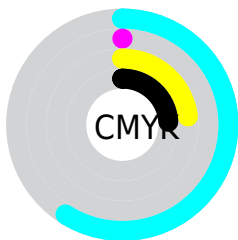
Distribution



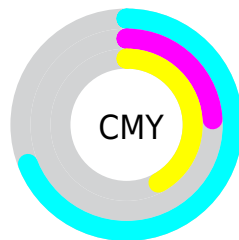
- Red (31%)
- Green (76%)
- Blue (58%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC194 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 4FC194 by changing the saturation by 10% instead.



4FC194



4FC194

FFFFFF



2EA57A



8AFACA



008B61



A7FFE6



007049



C4FFFF



005733



E1FFFF



003F1D



002905



000600



000000



4FC194



4FC194

 3CC18C

 62C19C

 28C185

 76C1A3

 15C17D

 89C1AB

 02C176

 9CC1B2

 00C175

 B0C1BA

 C3C1C2

 D6C1C9

 E9C1D1

 FDC1D9

Harmonies

Analogous

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



88BB70



4FC194



00C3BE

Triad

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



4FC194



8CABFD



F49577

Complementary

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



4FC194



C14F7C

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.



FC8C9D



4FC194



C89CE9

Square

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



4FC194



30B8FB



EE8FC6



DBA35F

Rectangle

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



4FC194



00C1D9



EE8FC6



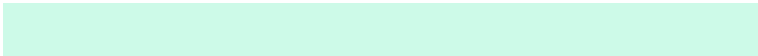
F99183

Sweetspot

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



4FC194



CDFAE8



7DC14F



617D72



FCFCFC



7D7D7D

Same Dimension

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



4FC194



48FAB4



4FB6C1



57615D



00A161



002114

Inverse Universe

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



C14F7C



FA488F



C15A4F



61575B



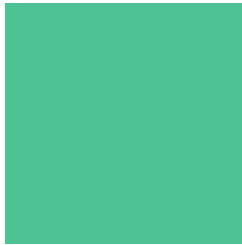
A1003F



21000D

Previews

White Background



This preview shows how the Hex color 4FC194 looks on a white background.

Color Contrast Check

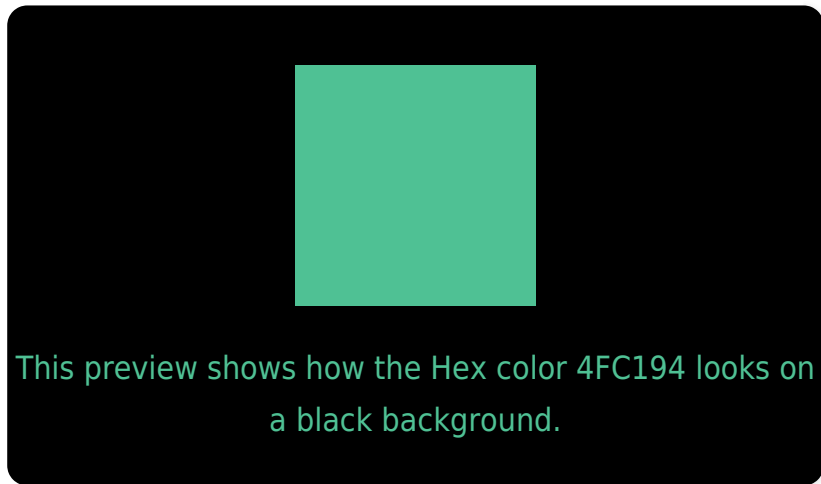
Large Text (above 18pt) WCAG AA × Fail

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

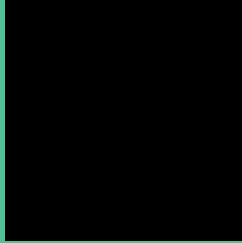
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

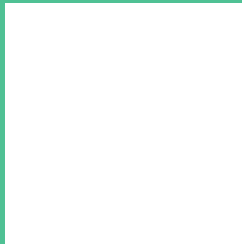
Any Text WCAG AAA ✓ Pass

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

Hex 4FC194 Background



This preview shows how black text looks on a background with the Hex color 4FC194.

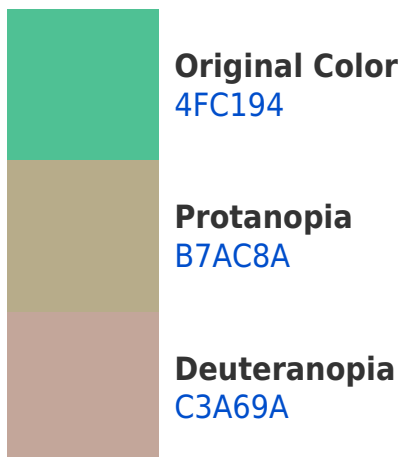


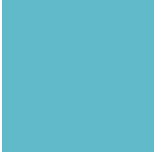
This preview shows how white text looks on a background with the Hex color 4FC194.

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
61BAC9

Trichromacy



Original Color
4FC194



Protanomaly
91B48E



Deuteranomaly
99B098



Tritanomaly
5ABDB6

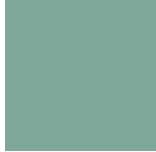
Monochromacy



Original Color
4FC194



Achromatopsia
9A9A9A



Achromatomaly
7FA898

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC194 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 #4FC194 looks like.

```
.text, #text, p{  
    color:#4FC194  
}
```

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 #4FC194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC194
}
```

Border

The CSS property to change the border of an element to Hex 4FC194 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
#4FC194 }
```

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

```
.border{ border-color:#4FC194 }
```

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

Here you see how a box with a 4 pixel #4FC194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC194; -webkit-box-shadow:4px 4px  
4px 4px #4FC194; box-shadow:4px 4px 4px  
4px #4FC194 }
```

Background

The CSS property to change the background color of an element to Hex 4FC194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC194 }
```

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

```
.background{ background-color:#4FC194 }
```

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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