

Converting Colors

Hex(4FC4B8)

Have a look what the booklet for
Hex(4FC4B8) contains.

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Color

Hex(4FC4B8)

Conversions

Conversions Part 1

Format	Color
Hex	4FC4B8
RGB	79, 196, 184
RGB Percent	31%, 77%, 72%
CMY	0.6902, 0.2314, 0.2784
CMYK	0.60, 0.00, 0.06, 0.23
HSL	174°, 50%, 54%
HSV	174°, 60%, 77%
XYZ	31.6161, 44.6028, 52.2903
YIQ	159.6490, -65.8800, -28.5360

Conversions

Conversions Part 2

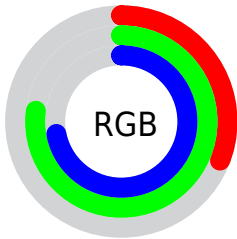
Format	Color
RYB	79, 141, 196
Decimal	5227704
CIELab	72.63, -35.59, -3.81
CIElCh	73, 35.789, 186.114
Yxy	44.6028, 0.2460, 0.3471
Android (android.graphics.Color)	4283417784 (0xFF4FC4B8)
YUV	159.6490, 12.0050, -70.7292
Hunter-Lab	66.7853, -32.3726, 0.3280

Details

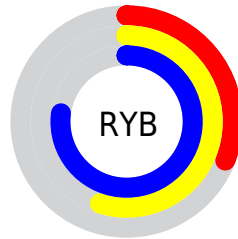
The Hex color **4FC4B8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C44F5B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8BFDF0**, and **008E83** is the 20% darker color. If you saturate the color by 10%, you get **3BC4B6**, and if you desaturate by 10%, it is **63C4BA**.

Distribution



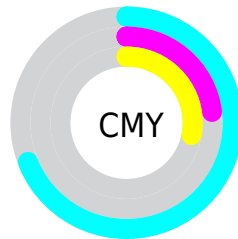
- Red (31%)
- Green (77%)
- Blue (72%)



- Red (31%)
- Yellow (55%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC4B8 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 4FC4B8 by changing the saturation by 10% instead.

 4FC4B8

 4FC4B8

FFFFFF

 2CA89D

 8BFDF0

 008E83

 A9FFFF

 00746A

 C6FFFF

 005A52

 E4FFFF

 00423B

 002B25

 001111

 000000

 4FC4B8

 4FC4B8

 3BC4B6

 63C4BA

 28C4B4

 76C4BC

 14C4B2

 8AC4BE

 01C4B0

 9DC4C0

 00C4B0

 B1C4C2

 C5C4C4

 D8C4C6

 ECC4C8

 FFC4CA

Harmonies

Analogous

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



77C297



4FC4B8



3AC2D8

Triad

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



4FC4B8



BFA7E7



DEA777

Complementary

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



4FC4B8



C44F5B

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.



F09D8D



4FC4B8



E19DCD

Square

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



4FC4B8



8FB3F3



F299AD



C2B271

Rectangle

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



4FC4B8



4CBFE8



F299AD



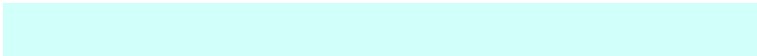
E6A37D

Sweetspot

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



4FC4B8



D1FFFA



5DC44F



63807D



000000



808080

Same Dimension

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



4FC4B8



47FFEC



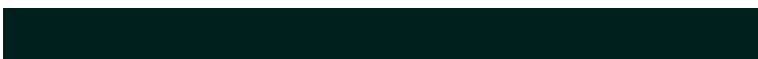
4F97C4



576160



00A190



00211E

Inverse Universe

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



C44F5B



FF475A



C47C4F



615758



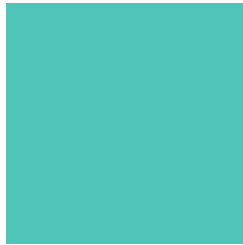
A10010



210003

Previews

White Background



This preview shows how the Hex color 4FC4B8 looks on a white background.

Color Contrast Check

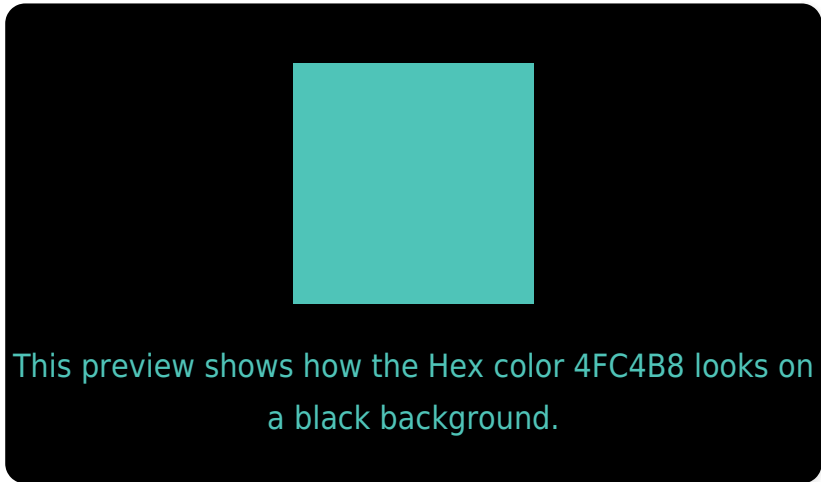
Large Text (above 18pt) WCAG AA × Fail

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

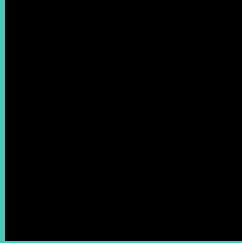
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

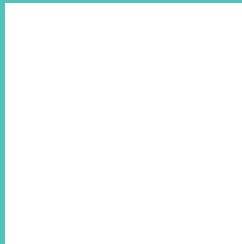
Any Text WCAG AAA ✓ Pass

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

Hex 4FC4B8 Background



This preview shows how black text looks on a background with the Hex color 4FC4B8.

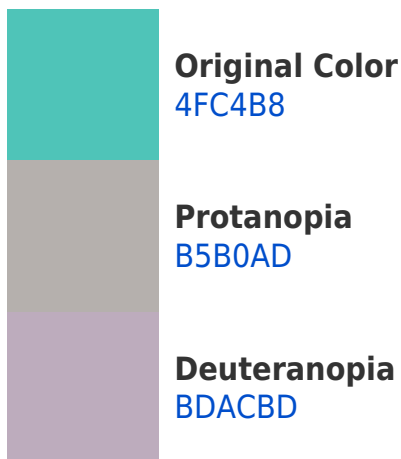


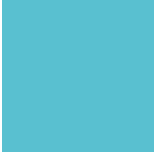
This preview shows how white text looks on a background with the Hex color 4FC4B8.

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
59C0D0

Trichromacy



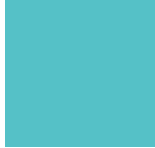
Original Color
4FC4B8



Protanomaly
90B7B1



Deuteranomaly
95B5BB



Tritanomaly
55C1C7

Monochromacy



Original Color
4FC4B8



Achromatopsia
A0A0A0



Achromatomaly
83ADA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC4B8 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 #4FC4B8 looks like.

```
.text, #text, p{  
    color:#4FC4B8  
}
```

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 #4FC4B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC4B8  
}
```

Border

The CSS property to change the border of an element to Hex 4FC4B8 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  
#4FC4B8 }
```

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

```
.border{ border-color:#4FC4B8 }
```

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

Here you see how a box with a 4 pixel #4FC4B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC4B8; -webkit-box-shadow:4px 4px  
4px 4px #4FC4B8; box-shadow:4px 4px 4px  
4px #4FC4B8 }
```

Background

The CSS property to change the background color of an element to Hex 4FC4B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC4B8 }
```

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

```
.background{ background-color:#4FC4B8 }
```

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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