

# Converting Colors

Hex(4FC2AA)

Have a look what the booklet for  
Hex(4FC2AA) contains.

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**Color**

**Hex(4FC2AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC2AA
RGB	79, 194, 170
RGB Percent	31%, 76%, 67%
CMY	0.6902, 0.2392, 0.3333
CMYK	0.59, 0.00, 0.12, 0.24
HSL	167°, 49%, 54%
HSV	167°, 59%, 76%
XYZ	29.7719, 43.1481, 44.7895
YIQ	156.8790, -60.8360, -31.8440

# Conversions

## Conversions Part 2

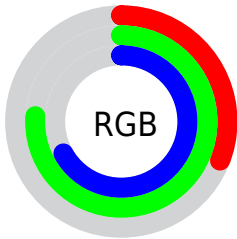
Format	Color
<a href="#">RYB</a>	<a href="#">79, 143, 194</a>
Decimal	<a href="#">5227178</a>
CIELab	<a href="#">71.66, -38.26, 2.39</a>
CIElCh	<a href="#">72, 38.332, 176.429</a>
Yxy	<a href="#">43.1481, 0.2529, 0.3666</a>
Android (android.graphics.Color)	<a href="#">4283417258 (0xFF4FC2AA)</a>
YUV	<a href="#">156.8790, 6.4687, -68.2999</a>
Hunter-Lab	<a href="#">65.6872, -34.0497, 5.5536</a>

# Details

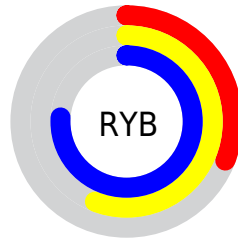
The Hex color **4FC2AA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C24F67**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8AFBE1**, and **008C76** is the 20% darker color. If you saturate the color by 10%, you get **3CC2A6**, and if you desaturate by 10%, it is **62C2AE**.

# Distribution



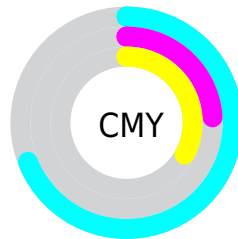
- Red (31%)
- Green (76%)
- Blue (67%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC2AA 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 4FC2AA by changing the saturation by 10% instead.



 4FC2AA

 4FC2AA

FFFFFF

 2DA690

 8AFBE1

 008C76

 A8FFFE

 00725D

 C5FFFF

 005846

 E3FFFF

 004030

 002A1B

 000B00

 000000

 4FC2AA

 4FC2AA

 3CC2A6

 62C2AE

 28C2A2

 76C2B2

 15C29E

 89C2B6

 01C29A

 9DC2BA

 00C29A

 B0C2BE

 C3C2C2

 D7C2C6

 EAC2CA

 FEC2CE

# Harmonies

## Analogous

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



7EBE88



4FC2AA



1DC2CD

# Triad

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



4FC2AA



AEA8EE



E5A076

# Complementary

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



4FC2AA



C24F67

# 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.



F39692



4FC2AA



D89CD7

# Square

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



4FC2AA



76B4F5



EF95B5



CAAC69

# Rectangle

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



4FC2AA



24BFE1



EF95B5



EC9C7E

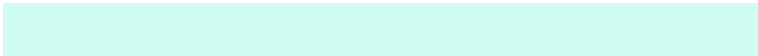


# Sweetspot

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



4FC2AA



CFFCF3



68C24F



63807A



000000



808080



# Same Dimension

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



4FC2AA



49FCD7



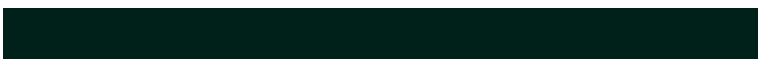
4FA1C2



57615F



00A17F



00211A



# Inverse Universe

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



C24F67



FC496F



C2704F



615759



A10022

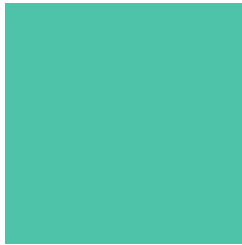


210007



# Previews

## White Background



This preview shows how the Hex color 4FC2AA looks on a white background.

## Color Contrast Check

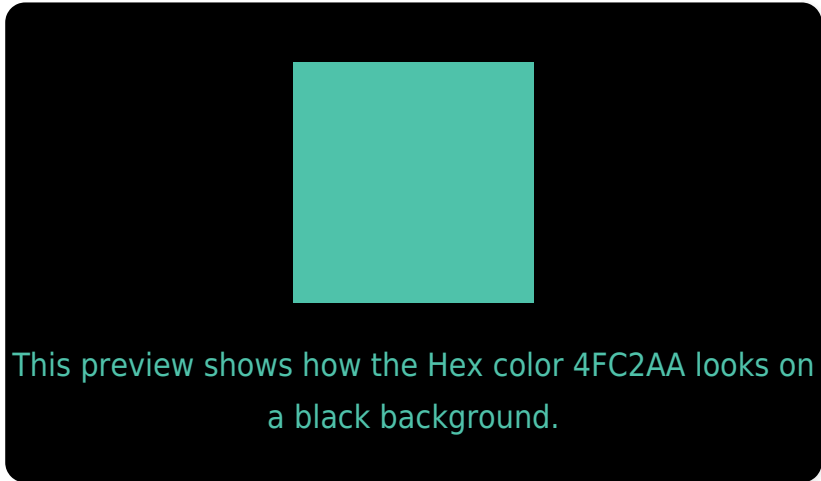
Large Text (above 18pt) WCAG AA × Fail

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

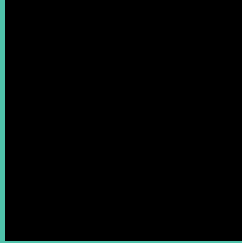
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

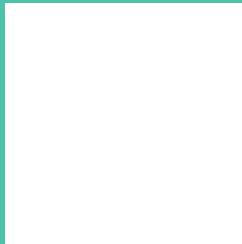
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FC2AA Background



This preview shows how black text looks on a background with the Hex color 4FC2AA.



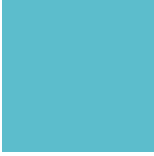
This preview shows how white text looks on a background with the Hex color 4FC2AA.

# Color Blindness Simulation

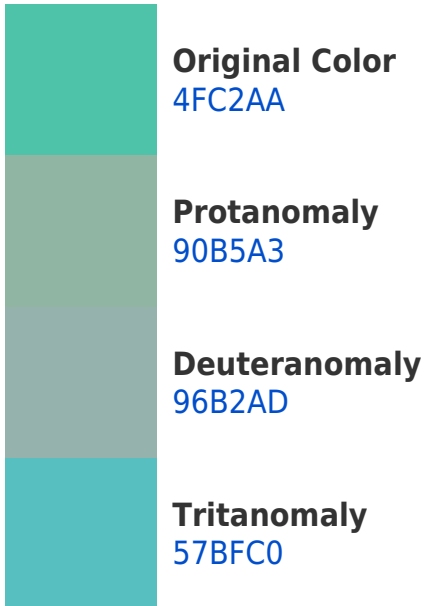
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

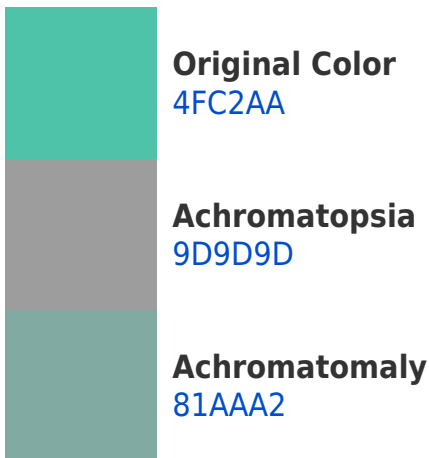




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC2AA 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 #4FC2AA looks like.

```
.text, #text, p{  
    color:#4FC2AA  
}
```

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 #4FC2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC2AA
}
```

## Border

The CSS property to change the border of an element to Hex 4FC2AA 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
#4FC2AA }
```

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

```
.border{ border-color:#4FC2AA }
```

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

Here you see how a box with a 4 pixel #4FC2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC2AA; -webkit-box-shadow:4px 4px  
4px 4px #4FC2AA; box-shadow:4px 4px 4px  
4px #4FC2AA }
```

# Background

The CSS property to change the background color of an element to Hex 4FC2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC2AA }
```

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

```
.background{ background-color:#4FC2AA }
```

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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