

# Converting Colors

Hex(4FB0A4)

Have a look what the booklet for  
Hex(4FB0A4) contains.

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# Color

**Hex(4FB0A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB0A4
RGB	79, 176, 164
RGB Percent	31%, 69%, 64%
CMY	0.6902, 0.3098, 0.3569
CMYK	0.55, 0.00, 0.07, 0.31
HSL	173°, 38%, 50%
HSV	173°, 55%, 69%
XYZ	25.4506, 35.3933, 40.6122
YIQ	145.6290, -53.9600, -24.2960

# Conversions

## Conversions Part 2

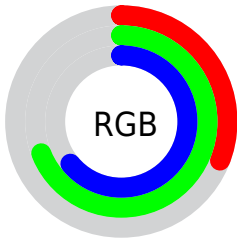
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 131, 176
Decimal	5222564
CIELab	66.05, -31.41, -2.49
CIELCh	66, 31.506, 184.542
Yxy	35.3933, 0.2509, 0.3489
Android (android.graphics.Color)	4283412644 (0xFF4FB0A4)
YUV	145.6290, 9.0569, -58.4336
Hunter-Lab	59.4922, -27.7496, 1.1705

# Details

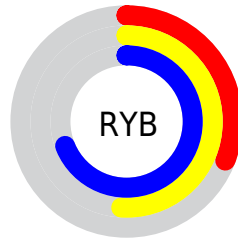
The Hex color **4FB0A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B04F5B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88E8DB**, and **007B70** is the 20% darker color. If you saturate the color by 10%, you get **3DB0A2**, and if you desaturate by 10%, it is **61B0A6**.

# Distribution



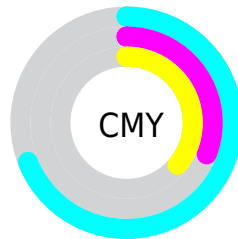
- Red (31%)
- Green (69%)
- Blue (64%)



- Red (31%)
- Yellow (51%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB0A4 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 4FB0A4 by changing the saturation by 10% instead.





4FB0A4



4FB0A4

FFFFFF



30958A



88E8DB



007B70



A5FFF7



006258



C2FFFF



004941



DFFFFF



00322B



FDFFFF



001E16



000000



4FB0A4



4FB0A4



3DB0A2



61B0A6

 2CB0A0

 72B0A8

 1AB09D

 84B0AB

 09B09B

 95B0AD

 00B09A

 A7B0AF

 B9B0B1

 CAB0B3

 DCB0B5

 EDB0B8

# Harmonies

## Analogous

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



70AE87



4FB0A4



3EAFC0

# Triad

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



4FB0A4



AA98CF



C8976E

# Complementary

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



4FB0A4



B04F5B

# 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.



D68E82



4FB0A4



C88FB9

# Square

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



4FB0A4



81A2D8



D78B9D



B0A068

# Rectangle

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



4FB0A4



4AACCE



D78B9D



CE9373



# Sweetspot

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



4FB0A4



BEE6E1



5CB04F



5C7370



F2F2F2



737373



# Same Dimension

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



4FB0A4



4EE6D3



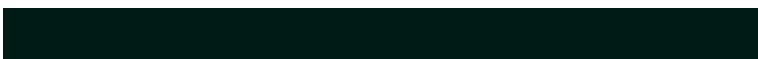
4F8CB0



505958



009986



001A16



# Inverse Universe

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



B04F5B



E64E61



B0734F



595051



990013

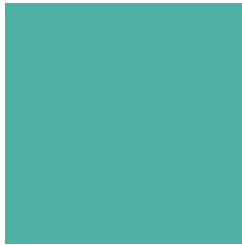


1A0003



# Previews

## White Background



This preview shows how the Hex color 4FB0A4 looks on a white background.

## Color Contrast Check

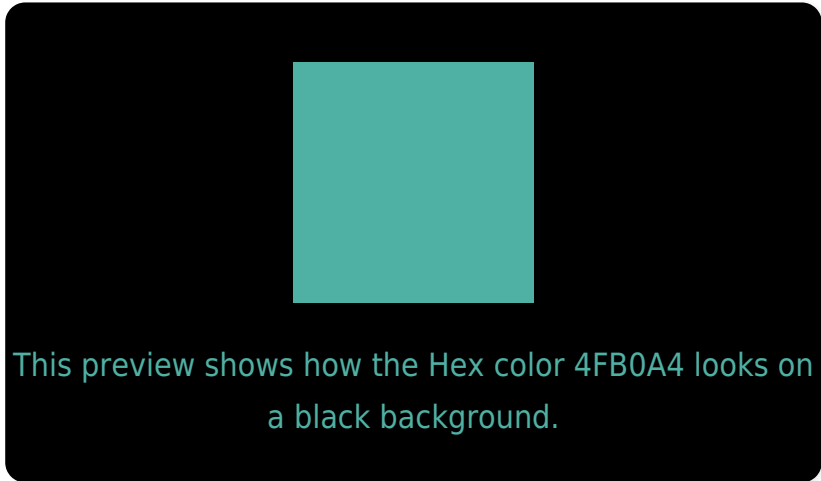
Large Text (above 18pt) WCAG AA × Fail

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

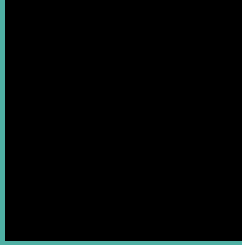
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

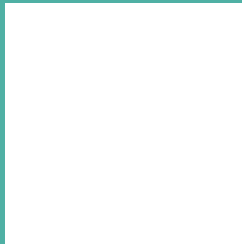
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FB0A4 Background



This preview shows how black text looks on a background with the Hex color 4FB0A4.

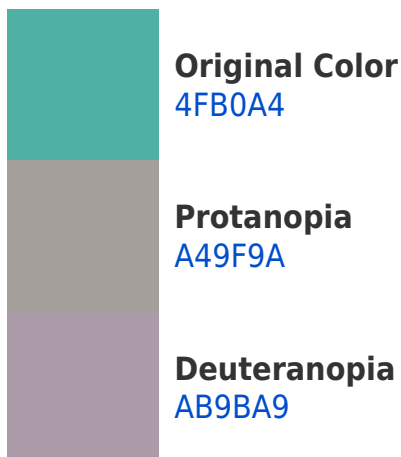


This preview shows how white text looks on a background with the Hex color 4FB0A4.

# Color Blindness Simulation

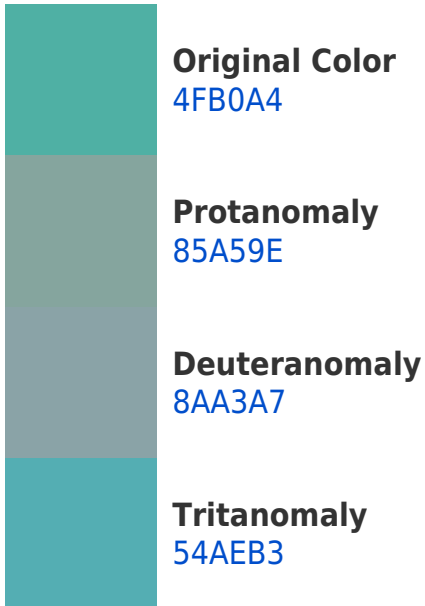
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB0A4 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 #4FB0A4 looks like.

```
.text, #text, p{  
    color:#4FB0A4  
}
```

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 #4FB0A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB0A4
}
```

## Border

The CSS property to change the border of an element to Hex 4FB0A4 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
#4FB0A4 }
```

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

```
.border{ border-color:#4FB0A4 }
```

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

Here you see how a box with a 4 pixel #4FB0A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB0A4; -webkit-box-shadow:4px 4px  
4px 4px #4FB0A4; box-shadow:4px 4px 4px  
4px #4FB0A4 }
```

# Background

The CSS property to change the background color of an element to Hex 4FB0A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB0A4 }
```

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

```
.background{ background-color:#4FB0A4 }
```

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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