

Converting Colors

Hex(4FB7A3)

Have a look what the booklet for
Hex(4FB7A3) contains.

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Color

Hex(4FB7A3)

Conversions

Conversions Part 1

Format	Color
Hex	4FB7A3
RGB	79, 183, 163
RGB Percent	31%, 72%, 64%
CMY	0.6902, 0.2824, 0.3608
CMYK	0.57, 0.00, 0.11, 0.28
HSL	168°, 42%, 51%
HSV	168°, 57%, 72%
XYZ	26.7688, 38.1736, 40.6077
YIQ	149.6240, -55.5640, -28.2680

Conversions

Conversions Part 2

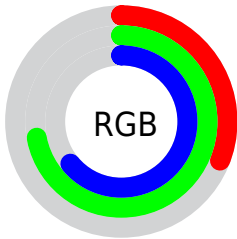
Format	Color
RYB	79, 137, 183
Decimal	5224355
CIELab	68.15, -34.97, 1.12
CIElCh	68, 34.983, 178.162
Yxy	38.1736, 0.2536, 0.3617
Android (android.graphics.Color)	4283414435 (0xFF4FB7A3)
YUV	149.6240, 6.5944, -61.9372
Hunter-Lab	61.7848, -30.7867, 4.2813

Details

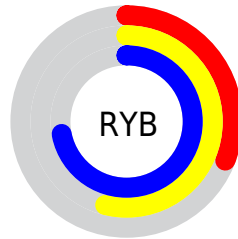
The Hex color **4FB7A3** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B74F63**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **89EFDA**, and **00816F** is the 20% darker color. If you saturate the color by 10%, you get **3DB79F**, and if you desaturate by 10%, it is **61B7A7**.

Distribution



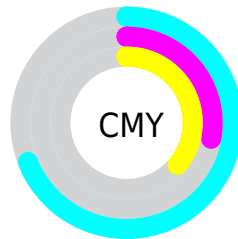
- Red (31%)
- Green (72%)
- Blue (64%)



- Red (31%)
- Yellow (54%)
- Blue (72%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB7A3 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 4FB7A3 by changing the saturation by 10% instead.

 4FB7A3

 4FB7A3

FFFFFF

 2F9C89

 89EFDA

 00816F

 A6FFF6

 006857

 C3FFFF

 004F40

 E0FFFF

 00372A

FEFFFF

 002415

 000000

 4FB7A3

 4FB7A3

 3DB79F

 61B7A7

 2AB79C

 74B7AA

 18B798

 86B7AE

 06B795

 98B7B1

 00B794

 ABB7B5

 BDB7B8

 CFB7BC

 E1B7BF

 F4B7C3

Harmonies

Analogous

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



77B484



4FB7A3



2EB6C3

Triad

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



4FB7A3



A79FDE



D69971

Complementary

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



4FB7A3



B74F63

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.



E3908A



4FB7A3



CC94C8

Square

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



4FB7A3



76AAE5



E18EA9



BDA467

Rectangle

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



4FB7A3



35B4D4



E18EA9



DC9578

Sweetspot

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



4FB7A3



C5EDE5



64B74F



607873



F7F7F7



787878

Same Dimension

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



4FB7A3



4CEDCE



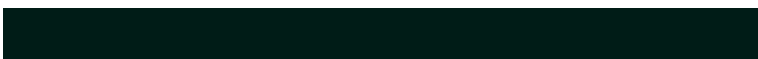
4F98B7



535C5A



009C7E



001C17

Inverse Universe

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



B74F63



ED4C6B



B76E4F



5C5354



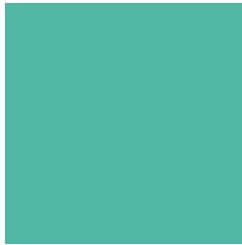
9C001E



1C0005

Previews

White Background



This preview shows how the Hex color 4FB7A3 looks on a white background.

Color Contrast Check

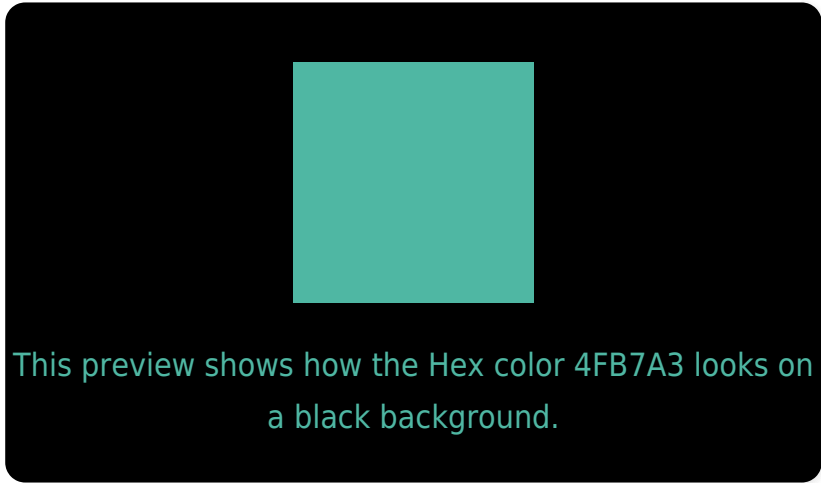
Large Text (above 18pt) WCAG AA × Fail

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

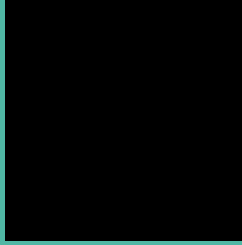
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

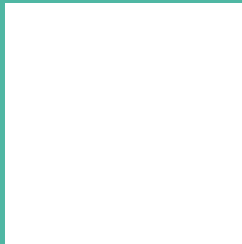
Any Text WCAG AAA ✓ Pass

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

Hex 4FB7A3 Background



This preview shows how black text looks on a background with the Hex color 4FB7A3.

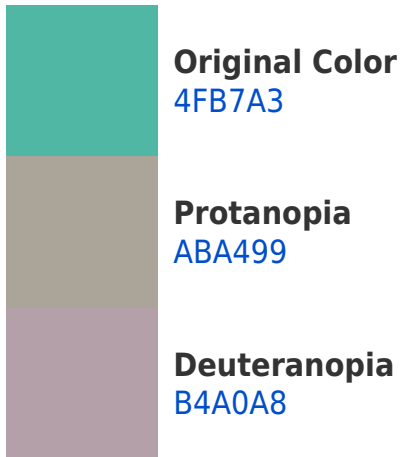


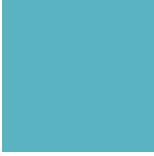
This preview shows how white text looks on a background with the Hex color 4FB7A3.

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
5AB3C1

Trichromacy



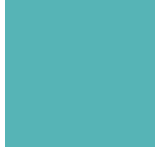
Original Color
4FB7A3



Protanomaly
8AAB9D



Deuteranomaly
8FA8A6



Tritanomaly
56B4B6

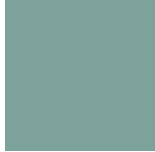
Monochromacy



Original Color
4FB7A3



Achromatopsia
969696



Achromatomaly
7CA29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB7A3 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 #4FB7A3 looks like.

```
.text, #text, p{  
  color:#4FB7A3  
}
```

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 #4FB7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB7A3
}
```

Border

The CSS property to change the border of an element to Hex 4FB7A3 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
#4FB7A3 }
```

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

```
.border{ border-color:#4FB7A3 }
```

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

Here you see how a box with a 4 pixel #4FB7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB7A3; -webkit-box-shadow:4px 4px  
4px 4px #4FB7A3; box-shadow:4px 4px 4px  
4px #4FB7A3 }
```

Background

The CSS property to change the background color of an element to Hex 4FB7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB7A3 }
```

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

```
.background{ background-color:#4FB7A3 }
```

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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