

Converting Colors

Hex(4FB1A6)

Have a look what the booklet for
Hex(4FB1A6) contains.

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Color

Hex(4FB1A6)

Conversions

Conversions Part 1

Format	Color
Hex	4FB1A6
RGB	79, 177, 166
RGB Percent	31%, 69%, 65%
CMY	0.6902, 0.3059, 0.3490
CMYK	0.55, 0.00, 0.06, 0.31
HSL	173°, 39%, 50%
HSV	173°, 55%, 69%
XYZ	25.8295, 35.8597, 41.6367
YIQ	146.4440, -54.8770, -24.1970

Conversions

Conversions Part 2

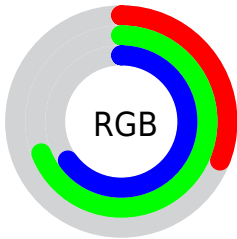
Format	Color
RYB	79, 131, 177
Decimal	5222822
CIELab	66.41, -31.36, -3.08
CIElCh	66, 31.513, 185.603
Yxy	35.8597, 0.2500, 0.3471
Android (android.graphics.Color)	4283412902 (0xFF4FB1A6)
YUV	146.4440, 9.6411, -59.1484
Hunter-Lab	59.8830, -27.8022, 0.6937

Details

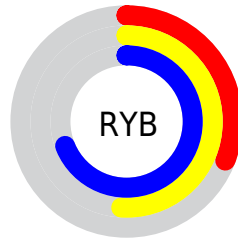
The Hex color **4FB1A6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14F5A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88E9DD**, and **007C72** is the 20% darker color. If you saturate the color by 10%, you get **3DB1A4**, and if you desaturate by 10%, it is **61B1A8**.

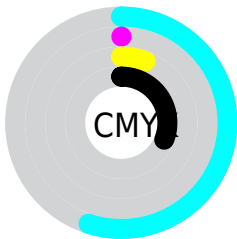
Distribution



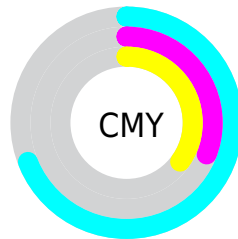
- Red (31%)
- Green (69%)
- Blue (65%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB1A6 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 4FB1A6 by changing the saturation by 10% instead.



4FB1A6



4FB1A6

FFFFFF



30968C



88E9DD



007C72



A5FFFA



00625A



C2FFFF



004A42



DFFFFFF



00332C



FDFFFF



001F18



000000



4FB1A6



4FB1A6



3DB1A4



61B1A8

■ 2CB1A2

■ 72B1AA

■ 1AB1A0

■ 84B1AC

■ 08B19E

■ 96B1AE

■ 00B19D

■ A8B1B0

■ B9B1B2

■ CBB1B4

■ DDB1B6

■ EEB1B8

Harmonies

Analogous

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



70AF89



4FB1A6



40B0C1

Triad

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



4FB1A6



AC98D0



C8986F

Complementary

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



4FB1A6



B14F5A

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.



D78F82



4FB1A6



CA90B9

Square

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



4FB1A6



83A2D9



D88C9D



B0A169

Rectangle

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



4FB1A6



4CADCF



D88C9D



CF9574

Sweetspot

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



4FB1A6



BEE6E1



5AB14F



5C7370



F2F2F2



737373

Same Dimension

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



4FB1A6



4EE6D4



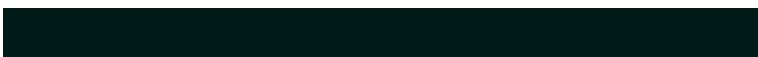
4F8BB1



505958



009988



001A17

Inverse Universe

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



B14F5A



E64E5F



B1754F



595051



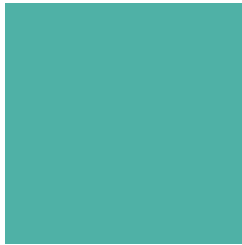
990011



1A0003

Previews

White Background



This preview shows how the Hex color 4FB1A6 looks on a white background.

Color Contrast Check

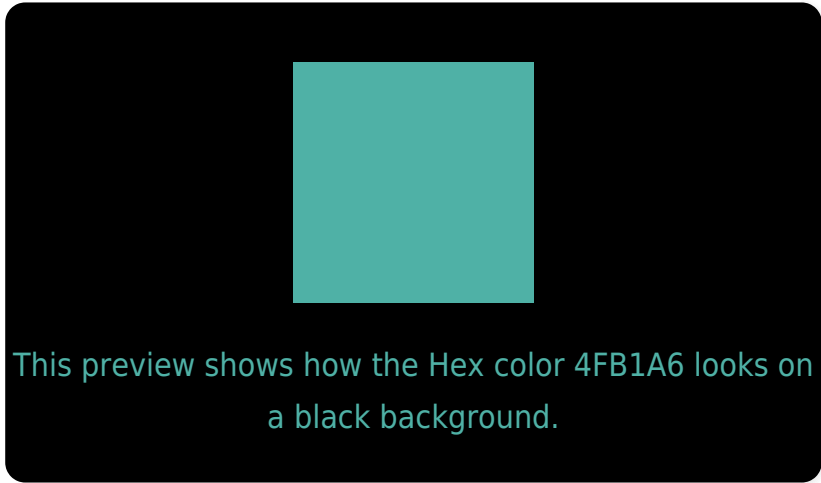
Large Text (above 18pt) WCAG AA × Fail

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

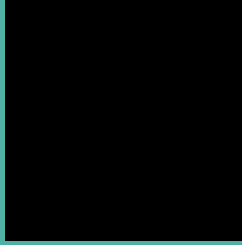
Any Text WCAG AA ✓ Pass

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 4FB1A6 Background



This preview shows how black text looks on a background with the Hex color 4FB1A6.

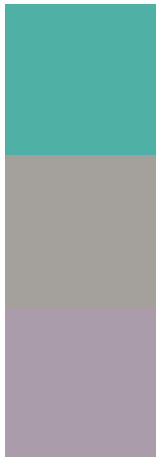


This preview shows how white text looks on a background with the Hex color 4FB1A6.

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

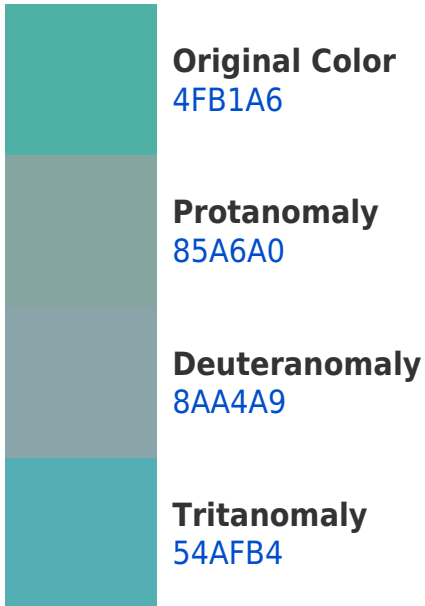


Original Color
4FB1A6

Protanopia
A4A09C

Deuteranopia
AB9CAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB1A6 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 #4FB1A6 looks like.

```
.text, #text, p{  
    color:#4FB1A6  
}
```

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 #4FB1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB1A6
}
```

Border

The CSS property to change the border of an element to Hex 4FB1A6 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
#4FB1A6 }
```

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

```
.border{ border-color:#4FB1A6 }
```

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

Here you see how a box with a 4 pixel #4FB1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB1A6; -webkit-box-shadow:4px 4px  
4px 4px #4FB1A6; box-shadow:4px 4px 4px  
4px #4FB1A6 }
```

Background

The CSS property to change the background color of an element to Hex 4FB1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB1A6 }
```

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

```
.background{ background-color:#4FB1A6 }
```

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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