

Converting Colors

Hex(3FB2B3)

Have a look what the booklet for
Hex(3FB2B3) contains.

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Color

Hex(3FB2B3)

Conversions

Conversions Part 1

Format	Color
Hex	3FB2B3
RGB	63, 178, 179
RGB Percent	25%, 70%, 70%
CMY	0.7529, 0.3020, 0.2980
CMYK	0.65, 0.01, 0.00, 0.30
HSL	181°, 48%, 47%
HSV	181°, 65%, 70%
XYZ	26.1070, 36.1522, 48.2499
YIQ	143.7290, -68.8610, -24.0690

Conversions

Conversions Part 2

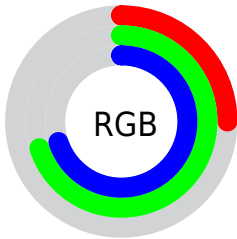
Format	Color
RYB	63, 121, 179
Decimal	4174515
CIELab	66.64, -31.17, -10.00
CIElCh	67, 32.736, 197.791
Yxy	36.1522, 0.2362, 0.3271
Android (android.graphics.Color)	4282364595 (0xFF3FB2B3)
YUV	143.7290, 17.3886, -70.7993
Hunter-Lab	60.1267, -27.7172, -5.4898

Details

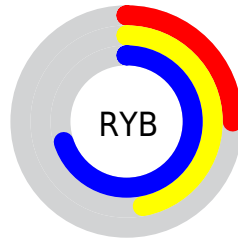
The Hex color **3FB2B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B3403F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7DEAEB**, and **007D7E** is the 20% darker color. If you saturate the color by 10%, you get **2DB2B3**, and if you desaturate by 10%, it is **51B2B3**.

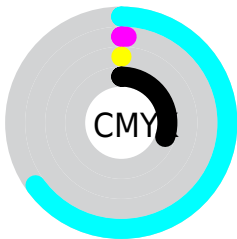
Distribution



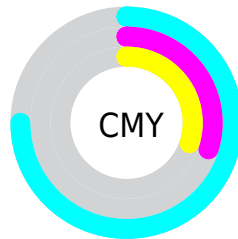
- Red (25%)
- Green (70%)
- Blue (70%)



- Red (25%)
- Yellow (47%)
- Blue (70%)



- Cyan (65%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB2B3 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 3FB2B3 by changing the saturation by 10% instead.

 3FB2B3

 3FB2B3

FFFFFF

 149798

 7DEAEB

 007D7E

 9BFFFF

 006365

 B8FFFF

 004B4D

 D6FFFF

 003437

 F4FFFF

 002021

 00000A

 000000

 3FB2B3

 3FB2B3

2DB2B3

51B2B3

1BB2B3

63B2B3

09B2B3

75B2B3

00B1B3

87B3B3

99B3B3

AAB3B3

BCB3B3

CEB3B3

E0B3B3

Harmonies

Analogous

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



5FB195



3FB2B3



3FAFCD

Triad

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



3FB2B3



BB94CA



C19C69

Complementary

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



3FB2B3



B3403F

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.



D59278



3FB2B3



D48DAF

Square

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



3FB2B3



959FDA



DC8C92



A4A669

Rectangle

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



3FB2B3



57ABD8



DC8C92



C9996C

Sweetspot

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



3FB2B3



BCE8E8



3FB33F



5A7575



F5F5F5



757575

Same Dimension

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



3FB2B3



33E6E8



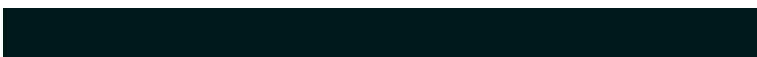
3F79B3



505959



009899



00191A

Inverse Universe

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



B33FB2



E833E6



B3793F



595059



990098



1A0019

Previews

White Background



This preview shows how the Hex color 3FB2B3 looks on a white background.

Color Contrast Check

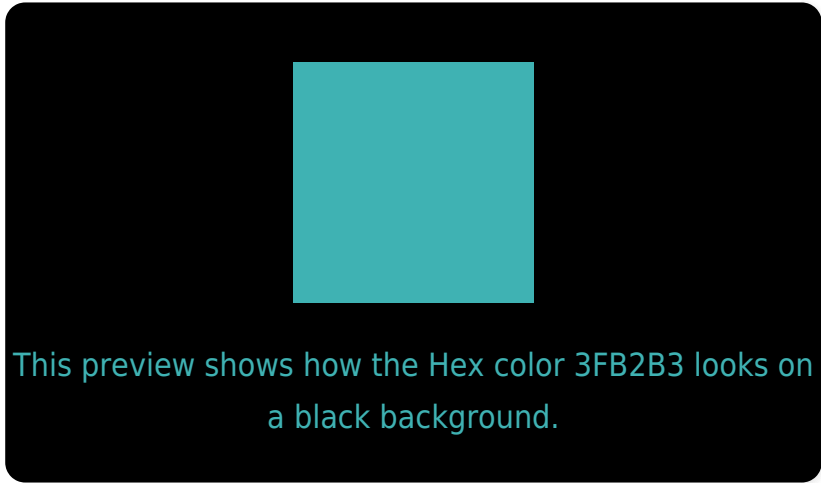
Large Text (above 18pt) WCAG AA × Fail

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

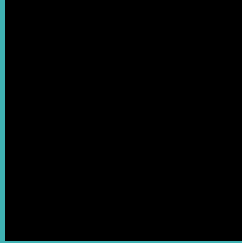
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

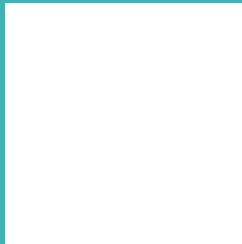
Any Text WCAG AAA ✓ Pass

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

Hex 3FB2B3 Background



This preview shows how black text looks on a background with the Hex color 3FB2B3.

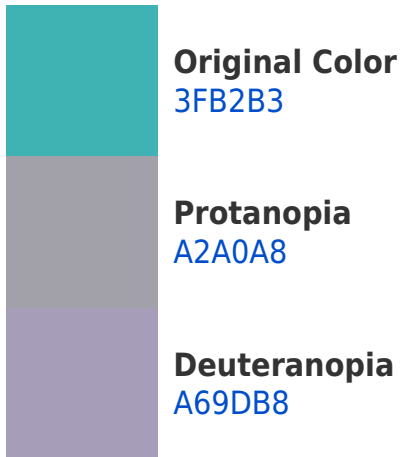


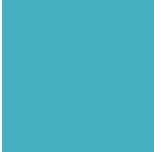
This preview shows how white text looks on a background with the Hex color 3FB2B3.

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
45B0BF

Trichromacy



Original Color
3FB2B3



Protanomaly
7EA7AC



Deuteranomaly
81A5B6



Tritanomaly
43B1BB

Monochromacy



Original Color
3FB2B3



Achromatopsia
909090



Achromatomaly
739C9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB2B3 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 #3FB2B3 looks like.

```
.text, #text, p{  
    color:#3FB2B3  
}
```

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 #3FB2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB2B3
}
```

Border

The CSS property to change the border of an element to Hex 3FB2B3 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
#3FB2B3 }
```

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

```
.border{ border-color:#3FB2B3 }
```

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

Here you see how a box with a 4 pixel #3FB2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB2B3; -webkit-box-shadow:4px 4px  
4px 4px #3FB2B3; box-shadow:4px 4px 4px  
4px #3FB2B3 }
```

Background

The CSS property to change the background color of an element to Hex 3FB2B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB2B3 }
```

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

```
.background{ background-color:#3FB2B3 }
```

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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