

Converting Colors

Hex(3FB2B2)

Have a look what the booklet for
Hex(3FB2B2) contains.

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Color

Hex(3FB2B2)

Conversions

Conversions Part 1

Format	Color
Hex	3FB2B2
RGB	63, 178, 178
RGB Percent	25%, 70%, 70%
CMY	0.7529, 0.3020, 0.3020
CMYK	0.65, 0.00, 0.00, 0.30
HSL	180°, 48%, 47%
HSV	180°, 65%, 70%
XYZ	26.0062, 36.1119, 47.7191
YIQ	143.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

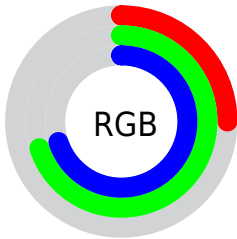
Format	Color
RYB	63, 121, 178
Decimal	4174514
CIELab	66.61, -31.46, -9.49
CIElCh	67, 32.858, 196.795
Yxy	36.1119, 0.2368, 0.3288
Android (android.graphics.Color)	4282364594 (0xFF3FB2B2)
YUV	143.6150, 16.9518, -70.6994
Hunter-Lab	60.0932, -27.9147, -5.0161

Details

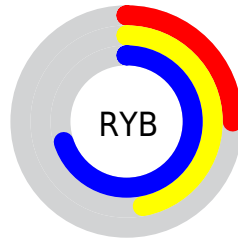
The Hex color **3FB2B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B23F3F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7DEAEA**, and **007D7D** is the 20% darker color. If you saturate the color by 10%, you get **2DB2B2**, and if you desaturate by 10%, it is **51B2B2**.

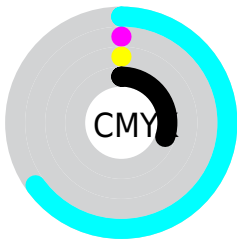
Distribution



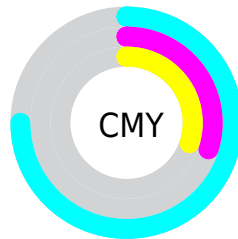
- Red (25%)
- Green (70%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB2B2 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 3FB2B2 by changing the saturation by 10% instead.



3FB2B2



3FB2B2

FFFFFF



149797



7DEAEA



007D7D



9AFFFF



006365



B8FFFF



004B4D



D6FFFF



003336



F4FFFF



002021



000009



000000



3FB2B2



3FB2B2

2DB2B2

51B2B2

1BB2B2

63B2B2

0AB2B2

74B2B2

00B2B2

86B2B2

98B2B2

AAB2B2

BCB2B2

CDB2B2

DFB2B2

Harmonies

Analogous

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



60B194



3FB2B2



3DAFCC

Triad

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



3FB2B2



BA95CB



C29C69

Complementary

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



3FB2B2



B23F3F

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



3FB2B2



D48DB0

Square

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



3FB2B2



939FDA



DD8C92



A5A569

Rectangle

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



3FB2B2



55ABD8



DD8C92



C9986C

Sweetspot

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



3FB2B2



BCE8E8



3FB23F



5A7575



F5F5F5



757575

Same Dimension

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



3FB2B2



33E8E8



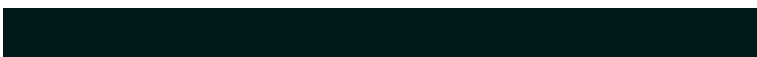
3F79B2



505959



009999



001A1A

Inverse Universe

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



B23FB2



E833E8



B2793F



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 3FB2B2 looks on a white background.

Color Contrast Check

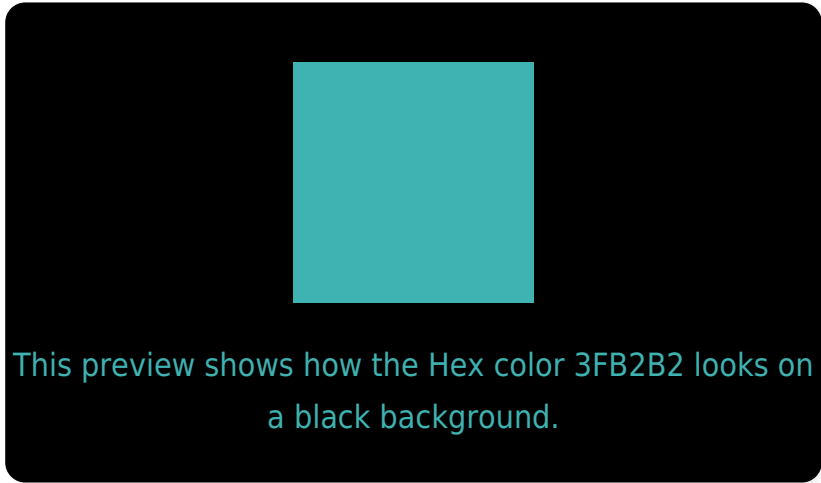
Large Text (above 18pt) WCAG AA × Fail

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

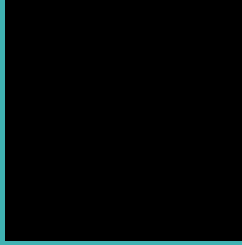
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

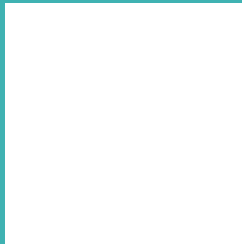
Any Text WCAG AAA ✓ Pass

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

Hex 3FB2B2 Background



This preview shows how black text looks on a background with the Hex color 3FB2B2.

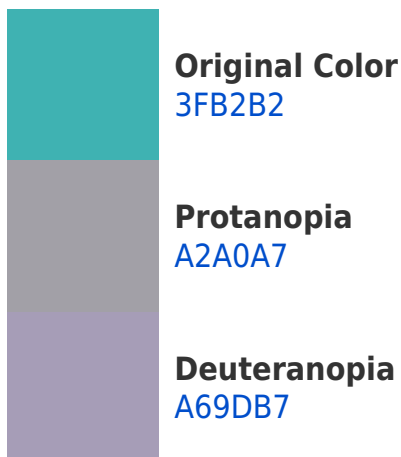


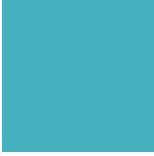
This preview shows how white text looks on a background with the Hex color 3FB2B2.

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
45B0BE

Trichromacy



Original Color
3FB2B2



Protanomaly
7EA7AB



Deuteranomaly
81A5B5



Tritanomaly
43B1BA

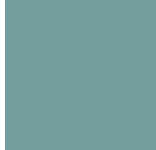
Monochromacy



Original Color
3FB2B2



Achromatopsia
909090



Achromatomaly
739C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB2B2 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 #3FB2B2 looks like.

```
.text, #text, p{  
    color:#3FB2B2  
}
```

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 #3FB2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB2B2
}
```

Border

The CSS property to change the border of an element to Hex 3FB2B2 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
#3FB2B2 }
```

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

```
.border{ border-color:#3FB2B2 }
```

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

Here you see how a box with a 4 pixel #3FB2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB2B2; -webkit-box-shadow:4px 4px  
4px 4px #3FB2B2; box-shadow:4px 4px 4px  
4px #3FB2B2 }
```

Background

The CSS property to change the background color of an element to Hex 3FB2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB2B2 }
```

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

```
.background{ background-color:#3FB2B2 }
```

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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