

Converting Colors

Hex(3FBBCD)

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

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Color

Hex(3FBBCD)

Conversions

Conversions Part 1

Format	Color
Hex	3FBBCD
RGB	63, 187, 205
RGB Percent	25%, 73%, 80%
CMY	0.7529, 0.2667, 0.1961
CMYK	0.69, 0.09, 0.00, 0.20
HSL	188°, 59%, 53%
HSV	188°, 69%, 80%
XYZ	30.8397, 41.0052, 64.0470
YIQ	151.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

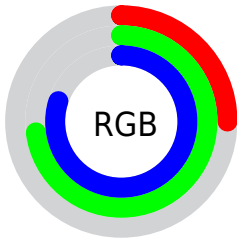
Format	Color
RYB	63, 129, 205
Decimal	4176845
CIELab	70.18, -27.88, -18.99
CIELCh	70, 33.736, 214.256
Yxy	41.0052, 0.2269, 0.3017
Android (android.graphics.Color)	4282366925 (0xFF3FBBCD)
YUV	151.9760, 26.1408, -78.0320
Hunter-Lab	64.0353, -26.0954, -14.4761

Details

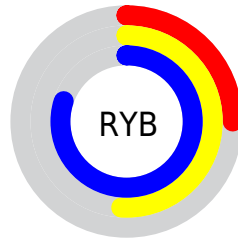
The Hex color **3FBBCD** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CD513F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **80F3FF**, and **008597** is the 20% darker color. If you saturate the color by 10%, you get **2BB8CD**, and if you desaturate by 10%, it is **54BECD**.

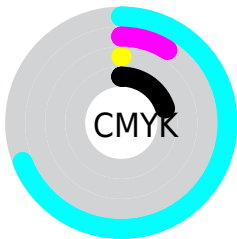
Distribution



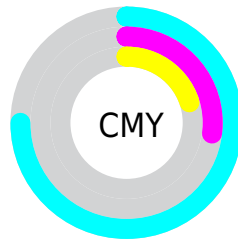
- Red (25%)
- Green (73%)
- Blue (80%)



- Red (25%)
- Yellow (51%)
- Blue (80%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (75%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 3FBBCD

 3FBBCD

FFFFFF

 08A0B2

 80F3FF

 008597

 9FFFFFF

 006C7D

 BDFFFF

 005364

 DBFFFF

 003C4C

 FAFFFF

 002635

 000320

 000005

 000000

 3FBBCD

 3FBBCD

 2BB8CD

 54BECD

 16B6CD

 68C0CD

 02B3CD

 7DC3CD

 00B3CD

 91C5CD

 A6C8CD

 BACBCD

 CFCDCD

 E3D0CD

 F8D2CD

Harmonies

Analogous

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



53BCAF



3FBBCD



59B6E2

Triad

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



3FBBCD



D698C7



BCAB6E

Complementary

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



3FBBCD



CD513F

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.



D7A175



3FBBCD



E794A8

Square

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



3FBBCD



B5A2DE



E6988B



9BB478

Rectangle

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



3FBBCD



78B0E8



E6988B



C6A86F

Sweetspot

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



3FBBCD



C9F8FF



3FCD50



607B80



000000



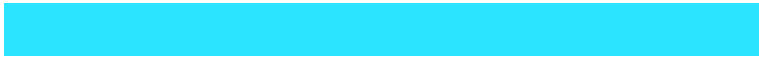
808080

Same Dimension

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



3FBBCD



2BE4FF



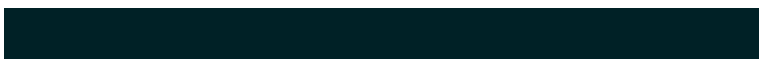
3F75CD



5C6566



0091A6



002126

Inverse Universe

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



CD3FBB



FF2BE4



CD973F



665C65



A60091



260021

Previews

White Background



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

Color Contrast Check

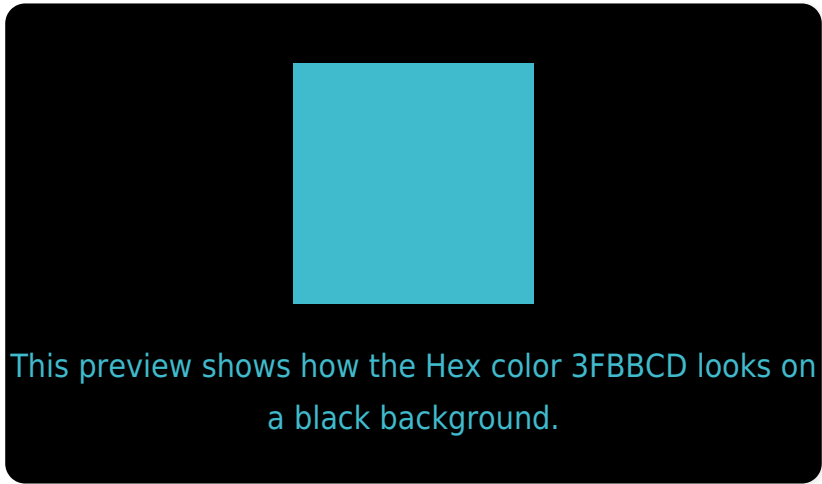
Large Text (above 18pt) WCAG AA × Fail

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

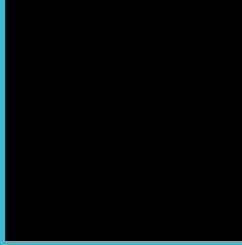
Any Text WCAG AA ✓ Pass

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 3FBBCD Background



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

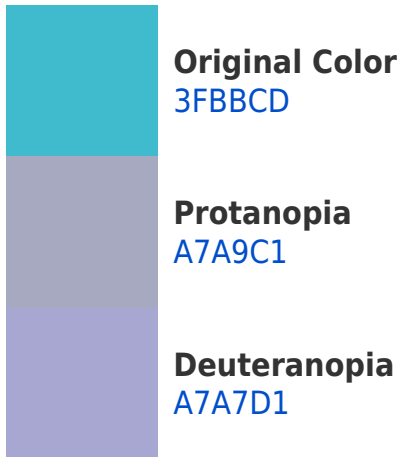


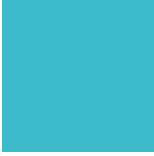
This preview shows how white text looks on a background with the Hex color 3FBBCD.

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](#).

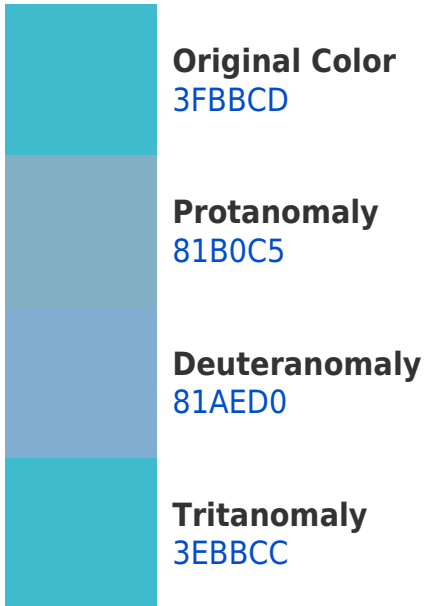
Dichromacy



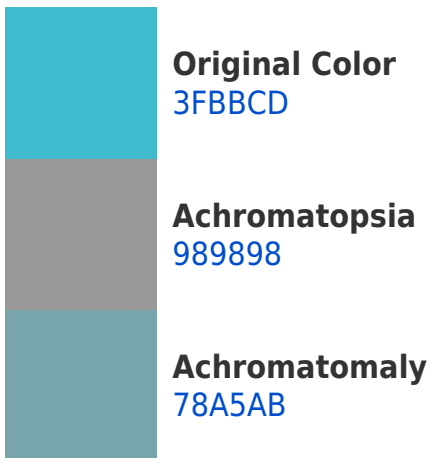


Tritanopia
3EBBCB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3FBBCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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