

# Converting Colors

Hex(3FBDA6)

Have a look what the booklet for  
Hex(3FBDA6) contains.

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# Color

**Hex(3FBDA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBDA6
RGB	63, 189, 166
RGB Percent	25%, 74%, 65%
CMY	0.7529, 0.2588, 0.3490
CMYK	0.67, 0.00, 0.12, 0.26
HSL	169°, 50%, 49%
HSV	169°, 67%, 74%
XYZ	27.1304, 40.2051, 42.4068
YIQ	148.7040, -67.7130, -33.8650

# Conversions

## Conversions Part 2

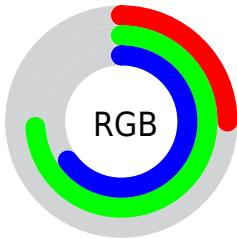
Format	Color
<a href="#">RYB</a>	<a href="#">63, 132, 189</a>
Decimal	<a href="#">4177318</a>
CIELab	<a href="#">69.62, -39.82, 1.56</a>
CIELCh	<a href="#">70, 39.850, 177.762</a>
Yxy	<a href="#">40.2051, 0.2472, 0.3664</a>
Android (android.graphics.Color)	<a href="#">4282367398 (0xFF3FBDA6)</a>
YUV	<a href="#">148.7040, 8.5269, -75.1624</a>
Hunter-Lab	<a href="#">63.4075, -34.5876, 4.7322</a>

# Details

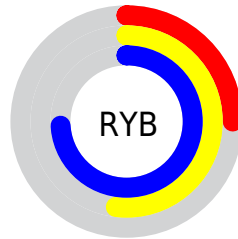
The Hex color **3FBDA6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BD3F56**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7EF6DD**, and **008772** is the 20% darker color. If you saturate the color by 10%, you get **2CBDA3**, and if you desaturate by 10%, it is **52BDA9**.

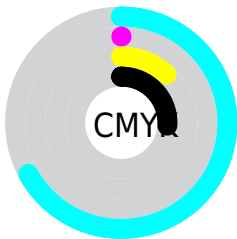
# Distribution



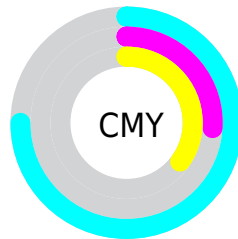
- Red (25%)
- Green (74%)
- Blue (65%)



- Red (25%)
- Yellow (52%)
- Blue (74%)



- Cyan (67%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (75%)
- Magenta (26%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FBDA6 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 3FBDA6 by changing the saturation by 10% instead.



 3FBDA6

 3FBDA6

FFFFFF

 12A28C

 7EF6DD

 008772

 9BFFFA

 006D5A

 B9FFFF

 005442

 D7FFFF

 003C2C

 F5FFFF

 002718

 000000

 3FBDA6

 3FBDA6

 2CBDA3

 52BDA9

■ 19BD9F

■ 65BDAD

■ 06BD9C

■ 78BDB0

■ 00BD9A

■ 8BBDB4

■ 9EBDB7

■ B0BDBB

■ C3BDBE

■ D6BDC2

■ E9BDC5

# Harmonies

## Analogous

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



74B982



3FBDA6



00BDCA

# Triad

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



3FBDA6



AAA2EA



E09A6E

# Complementary

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



3FBDA6



BD3F56

# 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.



EF908A



3FBDA6



D595D1

# Square

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



3FBDA6



6FAEF2



EC8EAE



C4A761

# Rectangle

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



3FBDA6



00BADF



EC8EAE



E79676

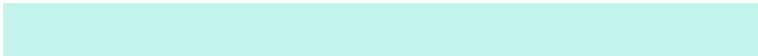


# Sweetspot

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



3FBDA6



C4F5EC



56BD3F



5D7A75



FAFAFA



7A7A7A



# Same Dimension

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



3FBDA6



31F5D1



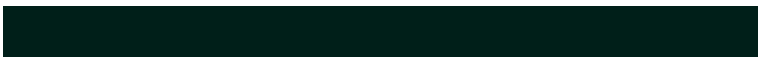
3F95BD



555E5D



009E81



001F19



# Inverse Universe

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



BD3F56



F53155



BD673F



5E5557



9E001D

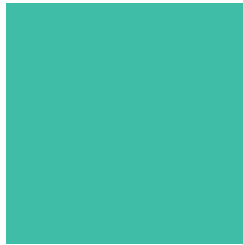


1F0006



# Previews

## White Background



This preview shows how the Hex color 3FBDA6 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



This preview shows how the Hex color 3FBDA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

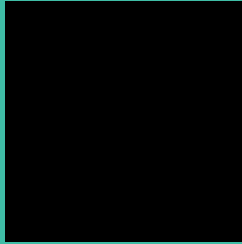
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FBDA6 Background



This preview shows how black text looks on a background with the Hex color 3FBDA6.

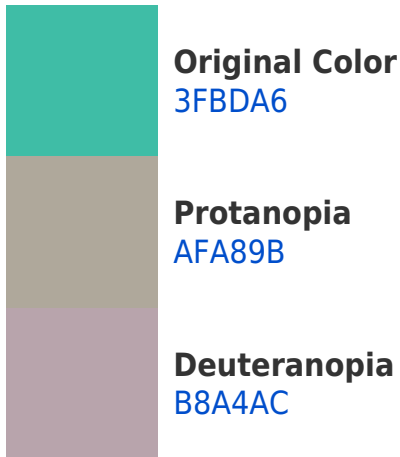


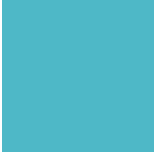
This preview shows how white text looks on a background with the Hex color 3FBDA6.

# 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](#).

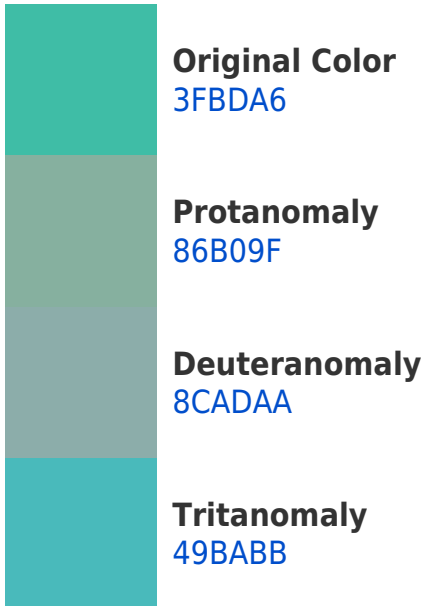
## Dichromacy



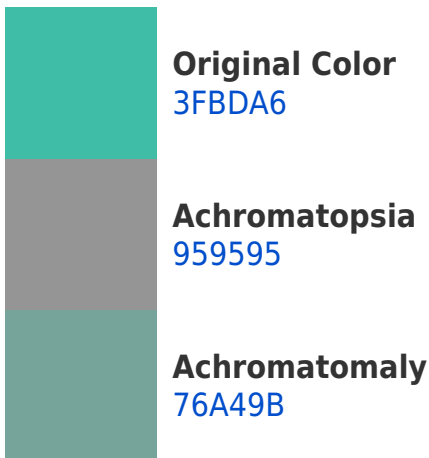


**Tritanopia**  
4EB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FBDA6 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 #3FBDA6 looks like.

```
.text, #text, p{  
    color:#3FBDA6  
}
```

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 #3FBDA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBDA6  
}
```

## Border

The CSS property to change the border of an element to Hex 3FBDA6 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  
#3FBDA6 }
```

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

```
.border{ border-color:#3FBDA6 }
```

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

Here you see how a box with a 4 pixel #3FBDA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBDA6; -webkit-box-shadow:4px 4px  
4px 4px #3FBDA6; box-shadow:4px 4px 4px  
4px #3FBDA6 }
```

# Background

The CSS property to change the background color of an element to Hex 3FBDA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBDA6 }
```

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

```
.background{ background-color:#3FBDA6 }
```

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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