

# Converting Colors

Hex(3BBFA6)

Have a look what the booklet for  
Hex(3BBFA6) contains.

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**Color**

**Hex(3BBFA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BBFA6
RGB	59, 191, 166
RGB Percent	23%, 75%, 65%
CMY	0.7686, 0.2510, 0.3490
CMYK	0.69, 0.00, 0.13, 0.25
HSL	169°, 53%, 49%
HSV	169°, 69%, 75%
XYZ	27.3174, 40.9446, 42.5397
YIQ	148.6820, -70.6470, -35.7590

# Conversions

## Conversions Part 2

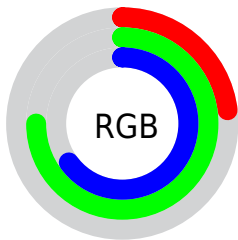
Format	Color
<b>RYB</b>	59, 132, 191
Decimal	3915686
CIELab	70.14, -41.31, 2.30
CIElCh	70, 41.378, 176.809
Yxy	40.9446, 0.2465, 0.3695
Android (android.graphics.Color)	4282105766 (0xFF3BBFA6)
YUV	148.6820, 8.5378, -78.6511
Hunter-Lab	63.9880, -35.7747, 5.3751

# Details

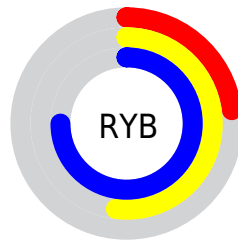
The Hex color **3BBFA6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF3B54**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7BF8DD**, and **008972** is the 20% darker color. If you saturate the color by 10%, you get **28BFA2**, and if you desaturate by 10%, it is **4EBFAA**.

# Distribution



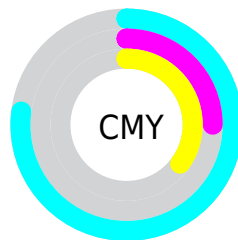
- Red (23%)
- Green (75%)
- Blue (65%)



- Red (23%)
- Yellow (52%)
- Blue (75%)



- Cyan (69%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (77%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BBFA6 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 3BBFA6 by changing the saturation by 10% instead.





3BBFA6



3BBFA6

FFFFFF



05A38C



7BF8DD



008972



99FFFA



006F5A



B7FFFF



005542



D5FFFF



003D2C



F3FFFF



002818



000100



000000



3BBFA6



3BBFA6

■ 28BFA2

■ 4EBFAA

■ 15BF9F

■ 61BFAD

■ 02BF9B

■ 74BFB1

■ 00BF9B

■ 87BFB4

■ 9BBFB8

■ AEBFBC

■ C1BFBF

■ D4BFC3

■ E7BFC7

# Harmonies

## Analogous

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



74BB81



3BBFA6



00BFCC

# Triad

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



3BBFA6



A9A3EE



E49B6E

# Complementary

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



3BBFA6



BF3B54

# 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.



F3908C



3BBFA6



D796D5

# Square

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



3BBFA6



6AB0F6



F08EB1



C7A860

# Rectangle

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



3BBFA6



00BCE1



F08EB1



EB9776



# Sweetspot

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



3BBFA6



C3F7EE



55BF3B



5E7D77



FCFCFC



7D7D7D



# Same Dimension

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



3BBFA6



2AF7D0



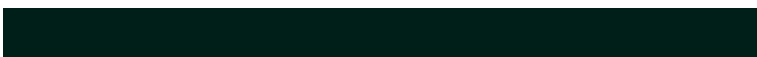
3B97BF



555E5D



009E80



001F19



# Inverse Universe

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



BF3B54



F72A51



BF633B



5E5557



9E001E

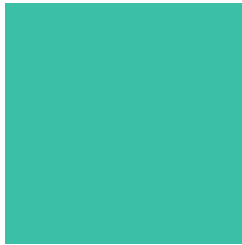


1F0006



# Previews

## White Background



This preview shows how the Hex color 3BBFA6 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 3BBFA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

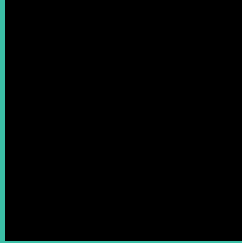
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

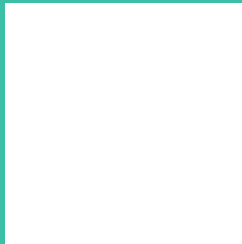
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BBFA6 Background



This preview shows how black text looks on a background with the Hex color 3BBFA6.

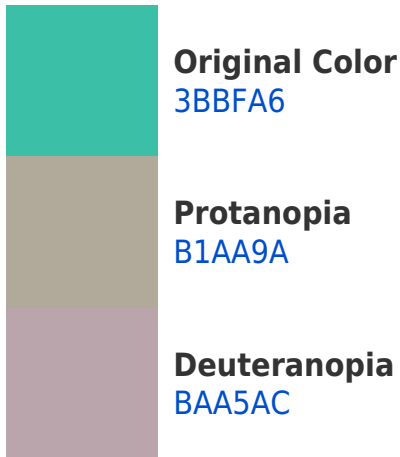


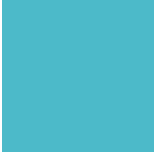
This preview shows how white text looks on a background with the Hex color 3BBFA6.

# 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**  
4CBAC9

# Trichromacy



**Original Color**  
3BBFA6



**Protanomaly**  
86B29E



**Deuteranomaly**  
8CAEAA



**Tritanomaly**  
46BCBC

# Monochromacy



**Original Color**  
3BBFA6



**Achromatopsia**  
959595



**Achromatomaly**  
74A49B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BBFA6 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 #3BBFA6 looks like.

```
.text, #text, p{  
    color:#3BBFA6  
}
```

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 #3BBFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBFA6
}
```

## Border

The CSS property to change the border of an element to Hex 3BBFA6 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
#3BBFA6 }
```

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

```
.border{ border-color:#3BBFA6 }
```

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

Here you see how a box with a 4 pixel #3BBFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBFA6; -webkit-box-shadow:4px 4px  
4px 4px #3BBFA6; box-shadow:4px 4px 4px  
4px #3BBFA6 }
```

# Background

The CSS property to change the background color of an element to Hex 3BBFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBFA6 }
```

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

```
.background{ background-color:#3BBFA6 }
```

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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