

# Converting Colors

Hex(3FBB68)

Have a look what the booklet for  
Hex(3FBB68) contains.

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# **Color**

**Hex(3FBB68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBB68
RGB	63, 187, 104
RGB Percent	25%, 73%, 41%
CMY	0.7529, 0.2667, 0.5922
CMYK	0.66, 0.00, 0.44, 0.27
HSL	140°, 50%, 49%
HSV	140°, 66%, 73%
XYZ	22.3189, 37.5969, 19.1773
YIQ	140.4620, -47.2610, -52.1010

# Conversions

## Conversions Part 2

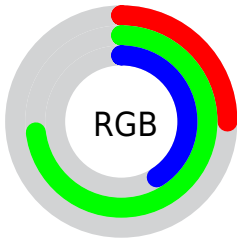
Format	Color
<a href="#">RYB</a>	<a href="#">63, 156, 187</a>
Decimal	<a href="#">4176744</a>
CIELab	<a href="#">67.72, -52.40, 32.24</a>
CIELCh	<a href="#">68, 61.525, 148.398</a>
Yxy	<a href="#">37.5969, 0.2822, 0.4753</a>
Android (android.graphics.Color)	<a href="#">4282366824 (0xFF3FBB68)</a>
YUV	<a href="#">140.4620, -17.9758, -67.9342</a>
Hunter-Lab	<a href="#">61.3163, -42.3302, 24.3779</a>

# Details

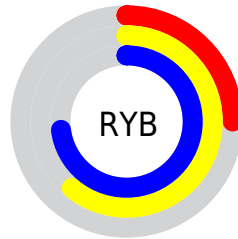
The Hex color **3FBB68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB3F92**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7CF49C**, and **008537** is the 20% darker color. If you saturate the color by 10%, you get **2CBB5B**, and if you desaturate by 10%, it is **52BB75**.

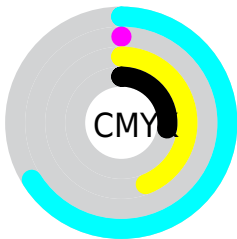
# Distribution



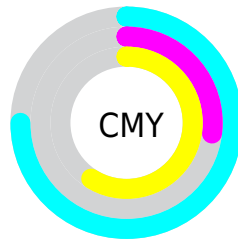
- Red (25%)
- Green (73%)
- Blue (41%)



- Red (25%)
- Yellow (61%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FBB68 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 3FBB68 by changing the saturation by 10% instead.





3FBB68



3FBB68

FFFFFF



169F4F



7CF49C



008537



99FFB7



006A1F



B7FFD3



005106



D4FFF0



003900



F2FFFF



002200



000000



3FBB68



3FBB68



2CBB5B



52BB75

 1ABB4F

 64BB81

 07BB42

 77BB8E

 00BB3E

 8ABB9A

 9CBBA7

 AFB BB3

 C2BBC0

 D5BBCC

 E7BBD9

# Harmonies

## Analogous

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



8EB13B



3FBB68



00BFA0

# Triad

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



3FBB68



00ACFF



FF7873

# Complementary

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



3FBB68



BB3F92

# 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.



FF72AA



3FBB68



A198FF

# Square

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



3FBB68



00B9FF



E680E0



EF8C46

# Rectangle

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



3FBB68



00C0C6



E680E0



FF7485

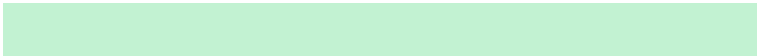


# Sweetspot

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



3FBB68



C2F2D2



94BB3F



5D7A67



FAFAFA



7A7A7A



# Same Dimension

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



3FBB68



30F271



3FBBA4



555E58



009E34



001F0A



# Inverse Universe

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



BB3F92



F230B2



BB3F56



5E555B



9E006A



1F0014



# Previews

## White Background



This preview shows how the Hex color 3FBB68 looks on a white background.

## Color Contrast Check

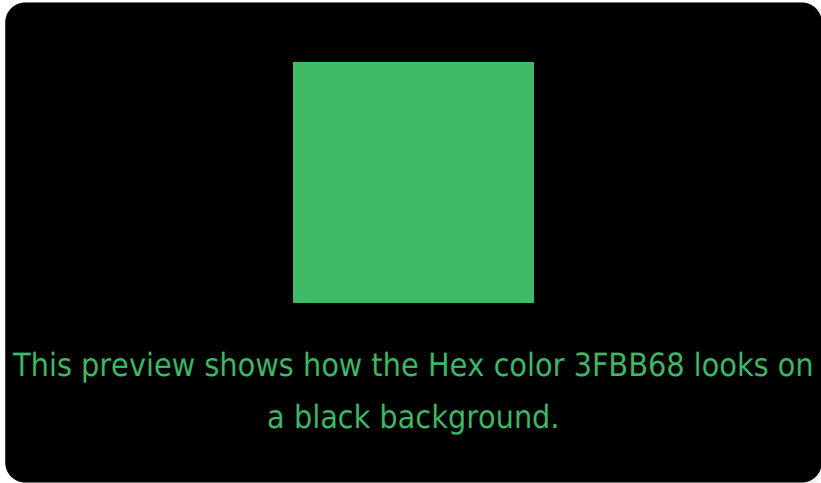
Large Text (above 18pt) WCAG AA × Fail

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

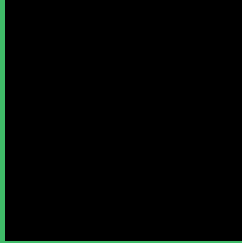
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FBB68 Background



This preview shows how black text looks on a background with the Hex color 3FBB68.

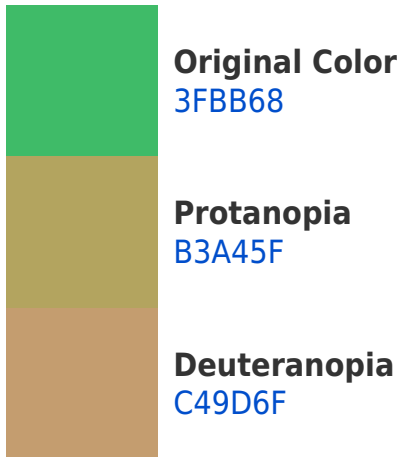


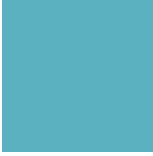
This preview shows how white text looks on a background with the Hex color 3FBB68.

# 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**  
5BB1BF

# Trichromacy



**Original Color**  
3FBB68



**Protanomaly**  
89AC62



**Deuteranomaly**  
94A86C



**Tritanomaly**  
51B59F

# Monochromacy



**Original Color**  
3FBB68



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
709D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FBB68 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 #3FBB68 looks like.

```
.text, #text, p{  
    color:#3FBB68  
}
```

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 #3FBB68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBB68  
}
```

## Border

The CSS property to change the border of an element to Hex 3FBB68 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  
#3FBB68 }
```

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

```
.border{ border-color:#3FBB68 }
```

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

Here you see how a box with a 4 pixel #3FBB68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBB68; -webkit-box-shadow:4px 4px  
4px 4px #3FBB68; box-shadow:4px 4px 4px  
4px #3FBB68 }
```

# Background

The CSS property to change the background color of an element to Hex 3FBB68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBB68 }
```

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

```
.background{ background-color:#3FBB68 }
```

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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