

# Converting Colors

Hex(3FB05D)

Have a look what the booklet for  
Hex(3FB05D) contains.

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# Color

**Hex(3FB05D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB05D
RGB	63, 176, 93
RGB Percent	25%, 69%, 36%
CMY	0.7529, 0.3098, 0.6353
CMYK	0.64, 0.00, 0.47, 0.31
HSL	136°, 47%, 47%
HSV	136°, 64%, 69%
XYZ	19.5510, 32.8977, 15.6754
YIQ	132.7510, -40.7050, -49.7690

# Conversions

## Conversions Part 2

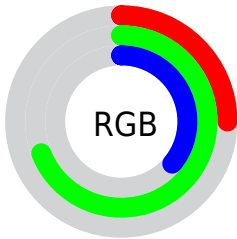
Format	Color
<a href="#">RYB</a>	<a href="#">63, 152, 176</a>
Decimal	<a href="#">4173917</a>
CIELab	<a href="#">64.08, -50.01, 33.24</a>
CIELCh	<a href="#">64, 60.052, 146.386</a>
Yxy	<a href="#">32.8977, 0.2870, 0.4829</a>
Android (android.graphics.Color)	<a href="#">4282363997 (0xFF3FB05D)</a>
YUV	<a href="#">132.7510, -19.5972, -61.1716</a>
Hunter-Lab	<a href="#">57.3566, -39.5290, 23.9458</a>

# Details

The Hex color **3FB05D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B03F92**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7AE991**, and **007A2C** is the 20% darker color. If you saturate the color by 10%, you get **2DB050**, and if you desaturate by 10%, it is **51B06A**.

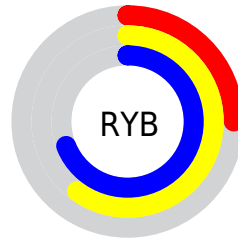
# Distribution



Red (25%)

Green (69%)

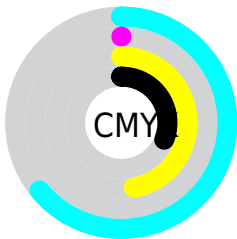
Blue (36%)



Red (25%)

Yellow (60%)

Blue (69%)

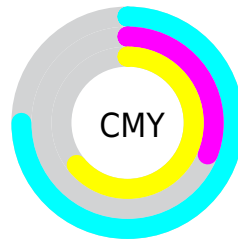


Cyan (64%)

Magenta (0%)

Yellow (47%)

Black (31%)



Cyan (75%)

Magenta (31%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FB05D 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 3FB05D by changing the saturation by 10% instead.





3FB05D



3FB05D

FFFFFF



1A9544



7AE991



007A2C



97FFAC



006014



B4FFC7



004800



D1FFE3



003100



FFFFFF



001700



000000



3FB05D



3FB05D



2DB050



51B06A

 1CB043

 62B077

 0AB036

 74B084

 00B02F

 85B091

 97B09E

 A9B0AB

 BAB0B7

 CCB0C4

 DDB0D1

# Harmonies

## Analogous

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



89A633



3FB05D



00B593

# Triad

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



3FB05D



00A3FF



FB6E6F

# Complementary

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



3FB05D



B03F92

# 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.



F86AA4



3FB05D



9190FC

# Square

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



3FB05D



00AFF4



D679D7



E58242

# Rectangle

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



3FB05D



00B5B8



D679D7



FD6B80



# Sweetspot

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



3FB05D



BAE6C5



94B03F



58735F



F2F2F2



737373



# Same Dimension

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



3FB05D



35E664



3FB094



505953



009929



001A07



# Inverse Universe

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



B03F92



E635B7



B03F5B



595057



990070



1A0013



# Previews

## White Background



This preview shows how the Hex color 3FB05D looks on a white background.

## Color Contrast Check

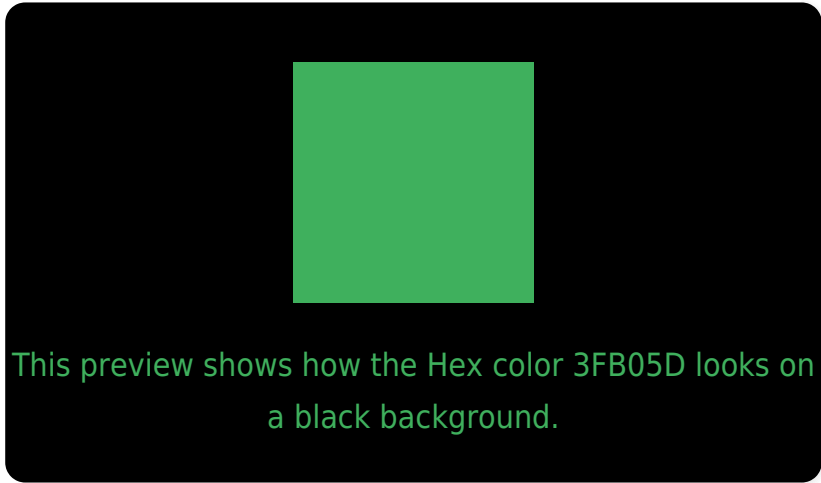
Large Text (above 18pt) WCAG AA × Fail

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 3FB05D Background



This preview shows how black text looks on a background with the Hex color 3FB05D.

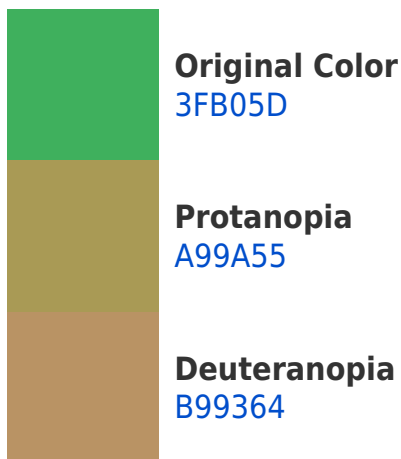


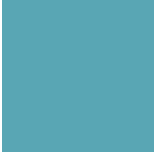
This preview shows how white text looks on a background with the Hex color 3FB05D.

# 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](#).

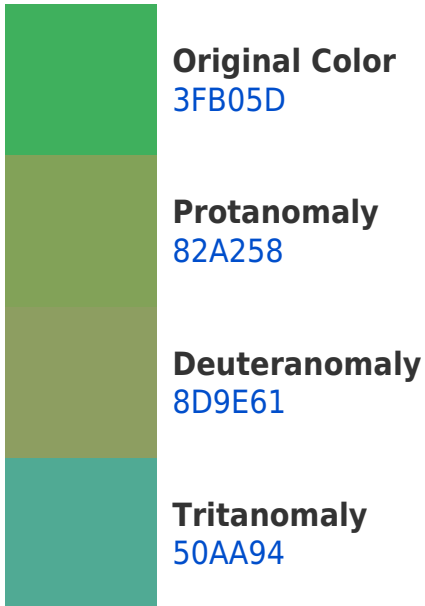
## Dichromacy



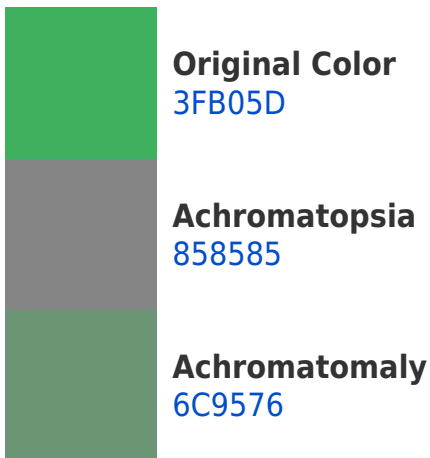


**Tritanopia**  
59A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FB05D 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 #3FB05D looks like.

```
.text, #text, p{  
    color:#3FB05D  
}
```

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 #3FB05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB05D
}
```

## Border

The CSS property to change the border of an element to Hex 3FB05D 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
#3FB05D }
```

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

```
.border{ border-color:#3FB05D }
```

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

Here you see how a box with a 4 pixel #3FB05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB05D; -webkit-box-shadow:4px 4px  
4px 4px #3FB05D; box-shadow:4px 4px 4px  
4px #3FB05D }
```

# Background

The CSS property to change the background color of an element to Hex 3FB05D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB05D }
```

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

```
.background{ background-color:#3FB05D }
```

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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