

# Converting Colors

Hex(3FB761)

Have a look what the booklet for  
Hex(3FB761) contains.

<b>Hex(3FB761)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3FB761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB761
RGB	63, 183, 97
RGB Percent	25%, 72%, 38%
CMY	0.7529, 0.2824, 0.6196
CMYK	0.66, 0.00, 0.47, 0.28
HSL	137°, 49%, 48%
HSV	137°, 66%, 72%
XYZ	21.1411, 35.7868, 17.1026
YIQ	137.3160, -43.9140, -52.1860

# Conversions

## Conversions Part 2

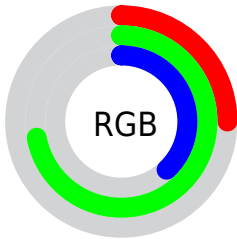
Format	Color
<a href="#">RYB</a>	<a href="#">63, 157, 183</a>
Decimal	<a href="#">4175713</a>
CIELab	<a href="#">66.36, -52.04, 34.08</a>
CIELCh	<a href="#">66, 62.208, 146.777</a>
Yxy	<a href="#">35.7868, 0.2856, 0.4834</a>
Android (android.graphics.Color)	<a href="#">4282365793 (0xFF3FB761)</a>
YUV	<a href="#">137.3160, -19.8758, -65.1751</a>
Hunter-Lab	<a href="#">59.8221, -41.6069, 24.9250</a>

# Details

The Hex color **3FB761** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B73F95**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7CF095**, and **008130** is the 20% darker color. If you saturate the color by 10%, you get **2DB754**, and if you desaturate by 10%, it is **51B76E**.

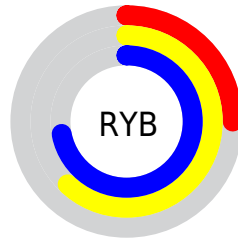
# Distribution



Red (25%)

Green (72%)

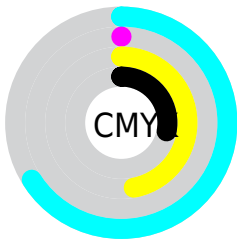
Blue (38%)



Red (25%)

Yellow (62%)

Blue (72%)

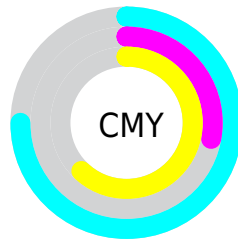


Cyan (66%)

Magenta (0%)

Yellow (47%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FB761 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 3FB761 by changing the saturation by 10% instead.





3FB761



3FB761

FFFFFF



179C48



7CF095



008130



99FFB0



006718



B6FFCC



004E00



D3FFE8



003600



F1FFFF



001E00



000000



3FB761



3FB761



2DB754



51B76E

 1AB747

 64B77B

 08B73A

 76B788

 00B734

 88B795

 9BB7A3

 ADB7B0

 BFB7BD

 D1B7CA

 E4B7D7

# Harmonies

## Analogous

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



8DAD34



3FB761



00BC99

# Triad

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



3FB761



00AAFF



FF7372

# Complementary

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



3FB761



B73F95

# 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.



FF6DAA



3FB761



9795FF

# Square

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



3FB761



00B6FE



DF7DDF



EE8743

# Rectangle

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



3FB761



00BCC0



DF7DDF



FF6E84

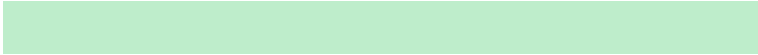


# Sweetspot

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



3FB761



BEEDCB



95B73F



5B7863



F7F7F7



787878



# Same Dimension

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



3FB761



32ED67



3FB79D



535C55



009C2C



001C08



# Inverse Universe

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



B73F95



ED32B8



B73F59



5C5359



9C006F



1C0014



# Previews

## White Background



This preview shows how the Hex color 3FB761 looks on a white background.

## Color Contrast Check

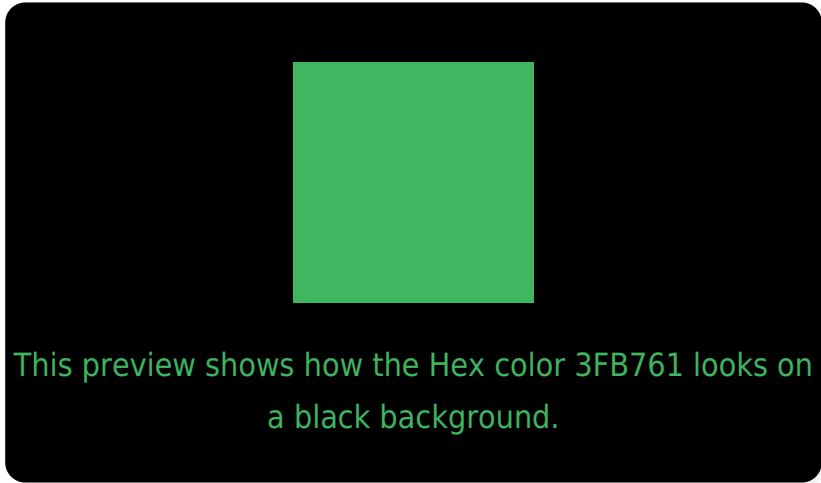
Large Text (above 18pt) WCAG AA × Fail

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

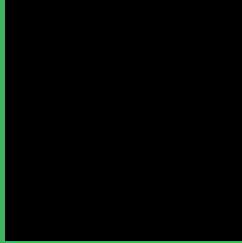
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FB761 Background



This preview shows how black text looks on a background with the Hex color 3FB761.

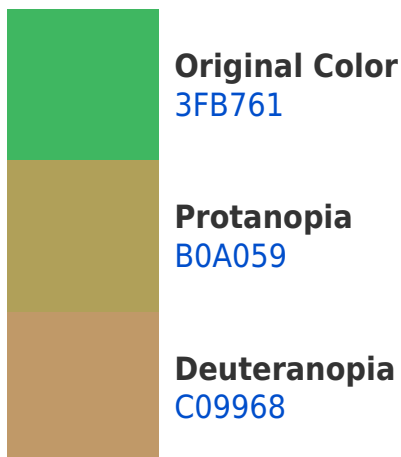


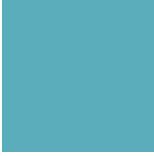
This preview shows how white text looks on a background with the Hex color 3FB761.

# 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**  
5BADBB

# Trichromacy



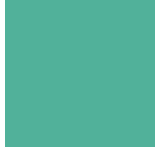
**Original Color**  
3FB761



**Protanomaly**  
87A85C



**Deuteranomaly**  
91A465



**Tritanomaly**  
51B19A

# Monochromacy



**Original Color**  
3FB761



**Achromatopsia**  
898989



**Achromatomaly**  
6E9A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FB761 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 #3FB761 looks like.

```
.text, #text, p{  
    color:#3FB761  
}
```

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 #3FB761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB761
}
```

## Border

The CSS property to change the border of an element to Hex 3FB761 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
#3FB761 }
```

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

```
.border{ border-color:#3FB761 }
```

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

Here you see how a box with a 4 pixel #3FB761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB761; -webkit-box-shadow:4px 4px  
4px 4px #3FB761; box-shadow:4px 4px 4px  
4px #3FB761 }
```

# Background

The CSS property to change the background color of an element to Hex 3FB761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB761 }
```

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

```
.background{ background-color:#3FB761 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor