

Converting Colors

Hex(3FB76A)

Have a look what the booklet for
Hex(3FB76A) contains.

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Color

Hex(3FB76A)

Conversions

Conversions Part 1

Format	Color
Hex	3FB76A
RGB	63, 183, 106
RGB Percent	25%, 72%, 42%
CMY	0.7529, 0.2824, 0.5843
CMYK	0.66, 0.00, 0.42, 0.28
HSL	142°, 49%, 48%
HSV	142°, 66%, 72%
XYZ	21.5849, 35.9643, 19.4398
YIQ	138.3420, -46.8030, -49.3870

Conversions

Conversions Part 2

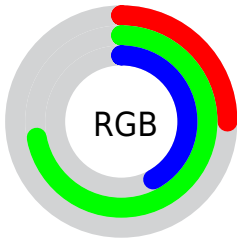
Format	Color
RYB	63, 151, 183
Decimal	4175722
CIELab	66.49, -50.52, 29.61
CIELCh	66, 58.558, 149.624
Yxy	35.9643, 0.2804, 0.4671
Android (android.graphics.Color)	4282365802 (0xFF3FB76A)
YUV	138.3420, -15.9446, -66.0749
Hunter-Lab	59.9703, -40.7011, 22.7599

Details

The Hex color **3FB76A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B73F8C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BF09E**, and **008139** is the 20% darker color. If you saturate the color by 10%, you get **2DB75E**, and if you desaturate by 10%, it is **51B776**.

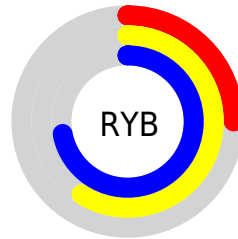
Distribution



Red (25%)

Green (72%)

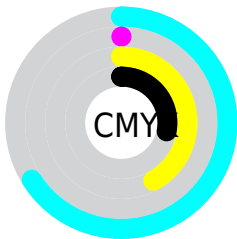
Blue (42%)



Red (25%)

Yellow (59%)

Blue (72%)

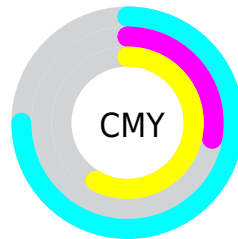


Cyan (66%)

Magenta (0%)

Yellow (42%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB76A 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 3FB76A by changing the saturation by 10% instead.

 3FB76A

 3FB76A


FFFFFF

 179C51

 7BF09E

 008139

 98FFB9

 006722

 B6FFD5

 004E0A

 D3FFF2

 003600

 F1FFFF


 001F00

 000000

 3FB76A

 3FB76A

 2DB75E

 51B776

 1AB753

 64B781

 08B747

 76B78D

 00B742

 88B799

 9BB7A5

 ADB7B0

 BFB7BC

 D1B7C8

 E4B7D4

Harmonies

Analogous

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



8AAE40



3FB76A



00BB9F

Triad

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



3FB76A



07A8FF



FF7871

Complementary

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



3FB76A



B73F8C

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.



FF72A5



3FB76A



A294FE

Square

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



3FB76A



00B5FC



E17ED8



E78B46

Rectangle

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



3FB76A



00BBC3



E17ED8



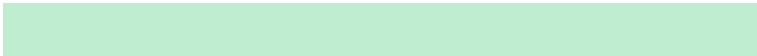
FF7481

Sweetspot

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



3FB76A



BEEDCF



8DB73F



5B7865



F7F7F7



787878

Same Dimension

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



3FB76A



32ED75



3FB7A5



535C56



009C38



001C0A

Inverse Universe

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



B73F8C



ED32AA



B73F51



5C5359



9C0064



1C0012

Previews

White Background



This preview shows how the Hex color 3FB76A 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

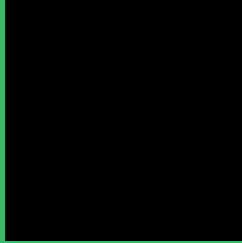
Any Text WCAG AA ✓ Pass

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 3FB76A Background



This preview shows how black text looks on a background with the Hex color 3FB76A.

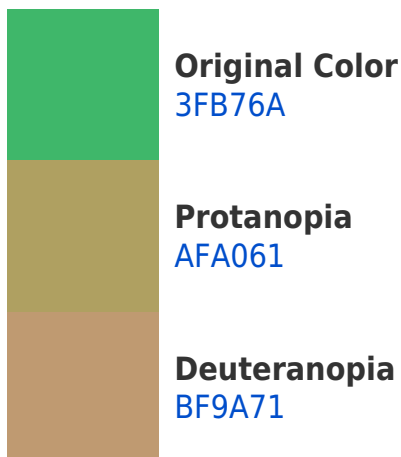


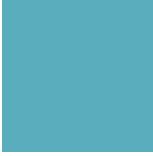
This preview shows how white text looks on a background with the Hex color 3FB76A.

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
59ADBC

Trichromacy



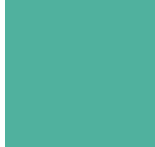
Original Color
3FB76A



Protanomaly
86A864



Deuteranomaly
90A56E



Tritanomaly
50B19E

Monochromacy



Original Color
3FB76A



Achromatopsia
8A8A8A



Achromatomaly
6F9A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB76A 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 #3FB76A looks like.

```
.text, #text, p{  
    color:#3FB76A  
}
```

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 #3FB76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB76A
}
```

Border

The CSS property to change the border of an element to Hex 3FB76A 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
#3FB76A }
```

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

```
.border{ border-color:#3FB76A }
```

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

Here you see how a box with a 4 pixel #3FB76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB76A; -webkit-box-shadow:4px 4px  
4px 4px #3FB76A; box-shadow:4px 4px 4px  
4px #3FB76A }
```

Background

The CSS property to change the background color of an element to Hex 3FB76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB76A }
```

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

```
.background{ background-color:#3FB76A }
```

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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