

Converting Colors

Hex(3FB674)

Have a look what the booklet for
Hex(3FB674) contains.

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Color

Hex(3FB674)

Conversions

Conversions Part 1

Format	Color
Hex	3FB674
RGB	63, 182, 116
RGB Percent	25%, 71%, 45%
CMY	0.7529, 0.2863, 0.5451
CMYK	0.65, 0.00, 0.36, 0.29
HSL	147°, 49%, 48%
HSV	147°, 65%, 71%
XYZ	21.9302, 35.7736, 22.2722
YIQ	138.8950, -49.7380, -45.7540

Conversions

Conversions Part 2

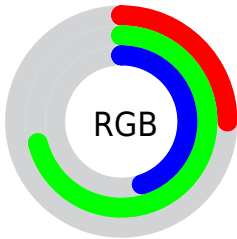
Format	Color
RYB	63, 145, 182
Decimal	4175476
CIELab	66.35, -48.27, 24.14
CIELCh	66, 53.970, 153.435
Yxy	35.7736, 0.2742, 0.4473
Android (android.graphics.Color)	4282365556 (0xFF3FB674)
YUV	138.8950, -11.2872, -66.5599
Hunter-Lab	59.8110, -39.2208, 19.7896

Details

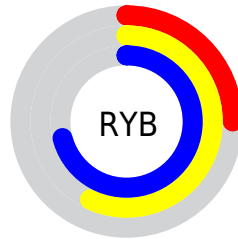
The Hex color **3FB674** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B63F81**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BEFA8**, and **008043** is the 20% darker color. If you saturate the color by 10%, you get **2DB66A**, and if you desaturate by 10%, it is **51B67E**.

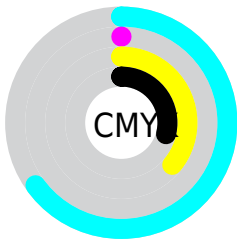
Distribution



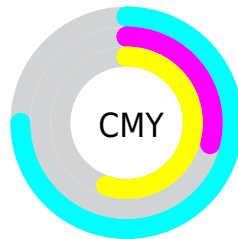
- Red (25%)
- Green (71%)
- Blue (45%)



- Red (25%)
- Yellow (57%)
- Blue (71%)



- Cyan (65%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (75%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB674 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 3FB674 by changing the saturation by 10% instead.

 3FB674

 3FB674

FFFFFF

 189B5B

 7BEFA8

 008043

 98FFC4

 00662C

 B5FFE0

 004D16

 D3FFFD

 003500

 F0FFFF

 001E00

 000000

 3FB674

 3FB674

 2DB66A

 51B67E

 1BB660

 63B688

 08B656

 76B692

 00B651

 88B69C

 9AB6A6

 ACB6B1

 BEB6BB

 D1B6C5

 E3B6CF

Harmonies

Analogous

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



85AE4C



3FB674



00B9A6

Triad

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



3FB674



4CA5FF



F77E6F

Complementary

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



3FB674



B63F81

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.



FA769E



3FB674



AB92F3

Square

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



3FB674



00B2F7



E17FCE



DF8F4A

Rectangle

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



3FB674



00B9C6



E17FCE



FB7A7D

Sweetspot

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



3FB674



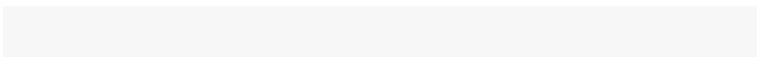
BEEDD3



82B63F



5B7868



F7F7F7



787878

Same Dimension

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



3FB674



34ED87



3FB6AE



535C57



009C45



001C0C

Inverse Universe

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



B63F81



ED349B



B63F47



5C5358



9C0056



1C0010

Previews

White Background



This preview shows how the Hex color 3FB674 looks on a white background.

Color Contrast Check

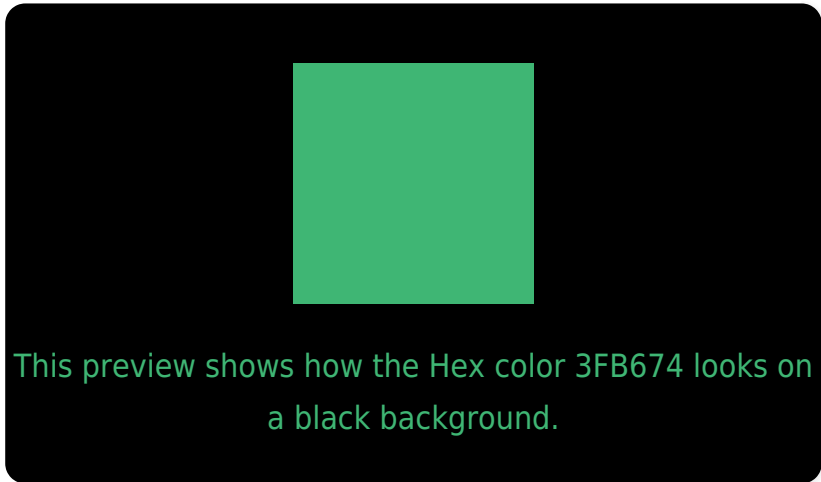
Large Text (above 18pt) WCAG AA × Fail

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

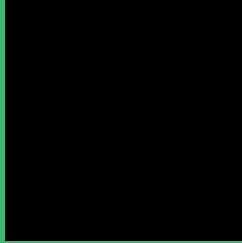
Any Text WCAG AA ✓ Pass

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 3FB674 Background



This preview shows how black text looks on a background with the Hex color 3FB674.



This preview shows how white text looks on a background with the Hex color 3FB674.

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



Original Color
3FB674

Protanopia
AEA06B

Deuteranopia
BC9A7A

Trichromacy



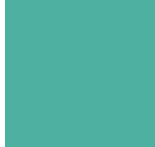
Original Color
3FB674



Protanomaly
86A86E



Deuteranomaly
8FA478



Tritanomaly
4EB0A1

Monochromacy



Original Color
3FB674



Achromatopsia
8B8B8B



Achromatomaly
6F9B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB674 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 #3FB674 looks like.

```
.text, #text, p{  
    color:#3FB674  
}
```

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 #3FB674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB674
}
```

Border

The CSS property to change the border of an element to Hex 3FB674 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
#3FB674 }
```

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

```
.border{ border-color:#3FB674 }
```

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

Here you see how a box with a 4 pixel #3FB674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB674; -webkit-box-shadow:4px 4px  
4px 4px #3FB674; box-shadow:4px 4px 4px  
4px #3FB674 }
```

Background

The CSS property to change the background color of an element to Hex 3FB674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB674 }
```

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

```
.background{ background-color:#3FB674 }
```

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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