

Converting Colors

Hex(3FBC47)

Have a look what the booklet for
Hex(3FBC47) contains.

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Color

Hex(3FBC47)

Conversions

Conversions Part 1

Format	Color
Hex	3FBC47
RGB	63, 188, 71
RGB Percent	25%, 74%, 28%
CMY	0.7529, 0.2627, 0.7216
CMYK	0.66, 0.00, 0.62, 0.26
HSL	124°, 50%, 49%
HSV	124°, 66%, 74%
XYZ	21.1704, 37.4781, 12.0794
YIQ	137.2870, -36.9430, -62.8870

Conversions

Conversions Part 2

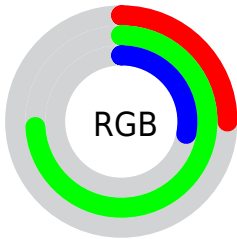
Format	Color
RYB	63, 180, 188
Decimal	4176967
CIELab	67.63, -57.41, 48.10
CIELCh	68, 74.891, 140.042
Yxy	37.4781, 0.2993, 0.5299
Android (android.graphics.Color)	4282367047 (0xFF3FBC47)
YUV	137.2870, -32.6795, -65.1497
Hunter-Lab	61.2194, -45.4063, 31.1548

Details

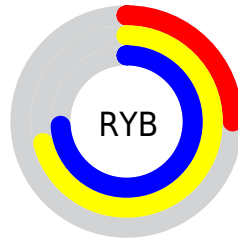
The Hex color **3FBC47** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC3FB4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7DF57C**, and **00850E** is the 20% darker color. If you saturate the color by 10%, you get **2CBC35**, and if you desaturate by 10%, it is **52BC59**.

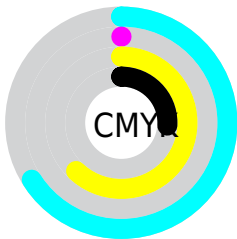
Distribution



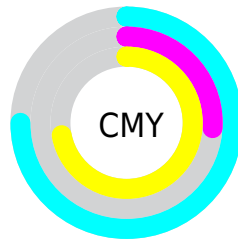
- Red (25%)
- Green (74%)
- Blue (28%)



- Red (25%)
- Yellow (71%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)
- Black (26%)



- Cyan (75%)
- Magenta (26%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FBC47 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 3FBC47 by changing the saturation by 10% instead.



3FBC47



3FBC47

FFFFFF



13A02D



7DF57C



00850E



9BFF96



006B00



B9FFB2



005200



D6FFCE



003900



F5FFEB



002200



000000



3FBC47



3FBC47



2CBC35



52BC59

 19BC24

 65BC6A

 07BC12

 77BC7C

 00BC0C

 8ABC8D

 9DBC9F

 B0BCB1

 C3BCC2

 D5BCD4

 E8BCE5

Harmonies

Analogous

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



9AAF00



3FBC47



00C28B

Triad

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



3FBC47



00B3FF



FF627B

Complementary

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



3FBC47



BC3FB4

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.



FF62BE



3FBC47



739CFF

Square

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



3FBC47



00C0FF



DF7DFC



FF7D3D

Rectangle

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



3FBC47



00C4BA



DF7DFC



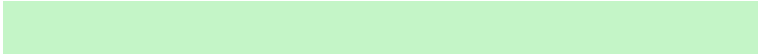
FF5E91

Sweetspot

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



3FBC47



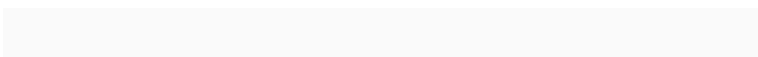
C4F5C7



B6BC3F



5D7A5F



FAFAFA



7A7A7A

Same Dimension

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



3FBC47



31F53D



3FBC84



555E56



009E0A



001F02

Inverse Universe

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



BC3FB4



F531E8



BC3F77



5E555E



9E0094



1F001D

Previews

White Background



This preview shows how the Hex color 3FBC47 looks on a white background.

Color Contrast Check

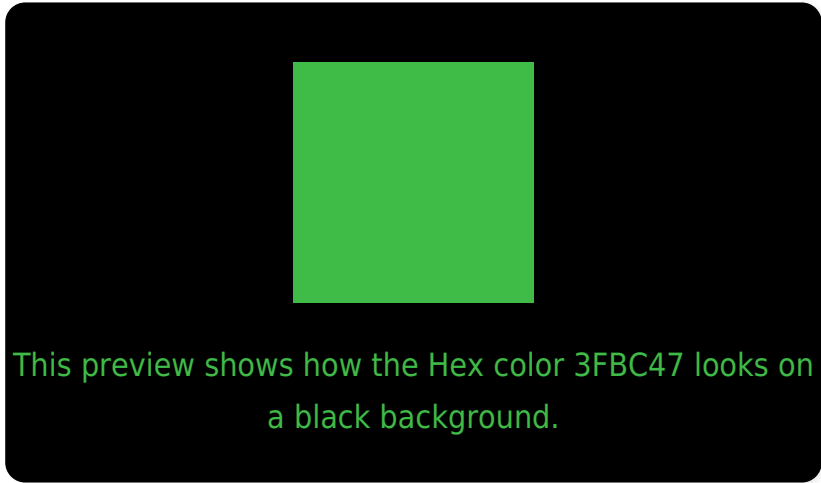
Large Text (above 18pt) WCAG AA × Fail

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 3FBC47 Background



This preview shows how black text looks on a background with the Hex color 3FBC47.

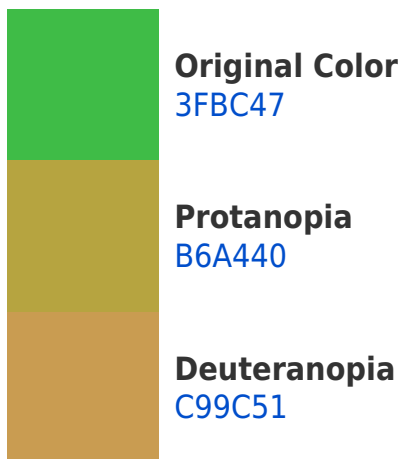


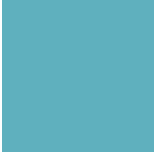
This preview shows how white text looks on a background with the Hex color 3FBC47.

Color Blindness Simulation

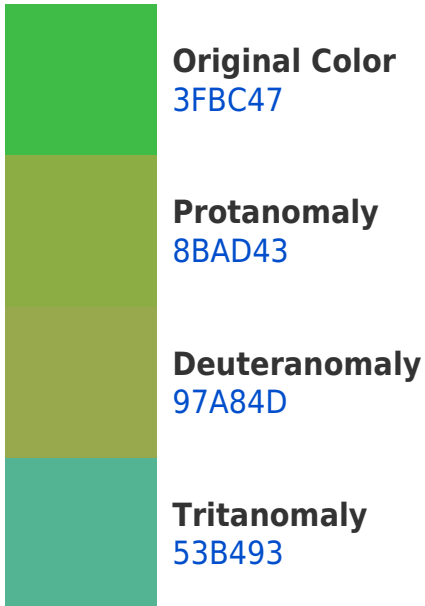
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FBC47 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 #3FBC47 looks like.

```
.text, #text, p{  
    color:#3FBC47  
}
```

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 #3FBC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBC47
}
```

Border

The CSS property to change the border of an element to Hex 3FBC47 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
#3FBC47 }
```

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

```
.border{ border-color:#3FBC47 }
```

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

Here you see how a box with a 4 pixel #3FBC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBC47; -webkit-box-shadow:4px 4px  
4px 4px #3FBC47; box-shadow:4px 4px 4px  
4px #3FBC47 }
```

Background

The CSS property to change the background color of an element to Hex 3FBC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBC47 }
```

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

```
.background{ background-color:#3FBC47 }
```

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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