

Converting Colors

Hex(5FB03F)

Have a look what the booklet for
Hex(5FB03F) contains.

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Color

Hex(5FB03F)

Conversions

Conversions Part 1

Format	Color
Hex	5FB03F
RGB	95, 176, 63
RGB Percent	37%, 69%, 25%
CMY	0.6275, 0.3098, 0.7529
CMYK	0.46, 0.00, 0.64, 0.31
HSL	103°, 47%, 47%
HSV	103°, 64%, 69%
XYZ	21.1419, 33.8424, 10.1206
YIQ	138.8990, -12.0030, -52.3150

Conversions

Conversions Part 2

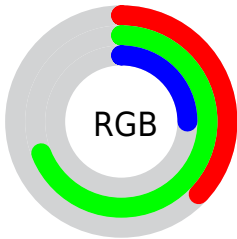
Format	Color
RYB	63, 176, 144
Decimal	6271039
CIELab	64.84, -45.49, 48.78
CIELCh	65, 66.696, 133.000
Yxy	33.8424, 0.3247, 0.5198
Android (android.graphics.Color)	4284461119 (0xFF5FB03F)
YUV	138.8990, -37.4182, -38.4994
Hunter-Lab	58.1743, -36.9340, 30.4073

Details

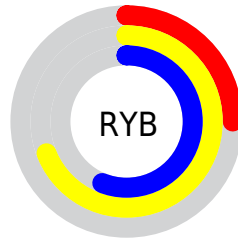
The Hex color **5FB03F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **903FB0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **97E873**, and **237B01** is the 20% darker color. If you saturate the color by 10%, you get **52B02D**, and if you desaturate by 10%, it is **6CB051**.

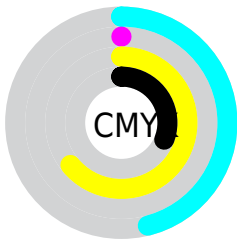
Distribution



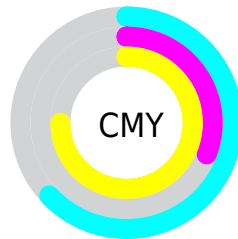
- Red (37%)
- Green (69%)
- Blue (25%)



- Red (25%)
- Yellow (69%)
- Blue (56%)



- Cyan (46%)
- Magenta (0%)
- Yellow (64%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB03F 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 5FB03F by changing the saturation by 10% instead.

 5FB03F

 5FB03F

FFFFFF

 439524

 97E873

 237B01

 B3FF8E

 006100

 D0FFA9

 004800

 EEFFC5

 003100

 FFFF E2

 001A00

 000000

 5FB03F

 5FB03F

 52B02D

 6CB051

■ 46B01C

■ 78B062

■ 39B00A

■ 85B074

■ 32B000

■ 91B085

■ 9EB097

■ ABB0A9

■ B7B0BA

■ C4B0CC

■ D1B0DD

Harmonies

Analogous

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



A3A312



5FB03F



00B778

Triad

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



5FB03F



00ADFF



FF6386

Complementary

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



5FB03F



903FB0

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.



F769C2



5FB03F



529BFF

Square

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



5FB03F



00B7EE



C182F5



FB754E

Rectangle

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



5FB03F



00B9A2



C182F5



FF629A

Sweetspot

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



5FB03F



C6E6BA



B0903F



607358



F2F2F2



737373

Same Dimension

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



5FB03F



67E635



3FB057



535950



2B9900



071A00

Inverse Universe

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



903FB0



B335E6



B03F98



575059



6E0099



12001A

Previews

White Background



This preview shows how the Hex color 5FB03F looks on a white background.

Color Contrast Check

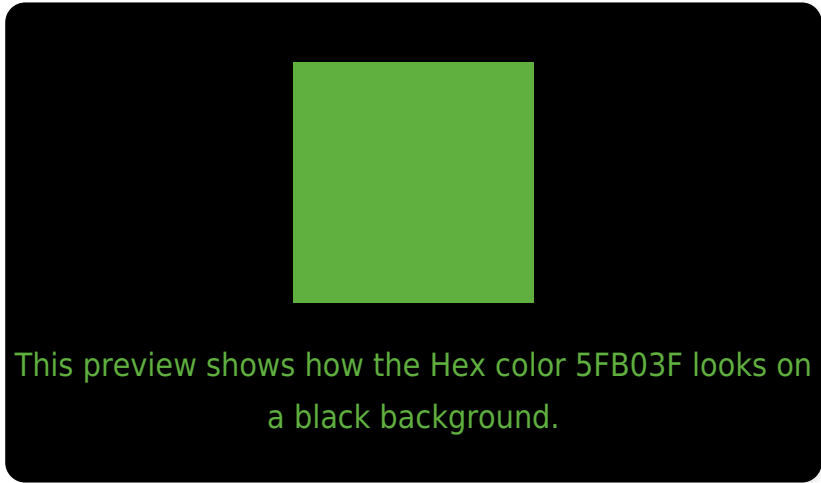
Large Text (above 18pt) WCAG AA × Fail

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

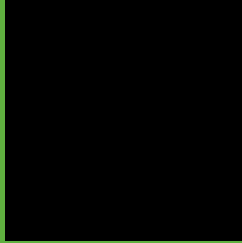
Any Text WCAG AA ✓ Pass

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 5FB03F Background



This preview shows how black text looks on a background with the Hex color 5FB03F.



This preview shows how white text looks on a background with the Hex color 5FB03F.

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
5FB03F

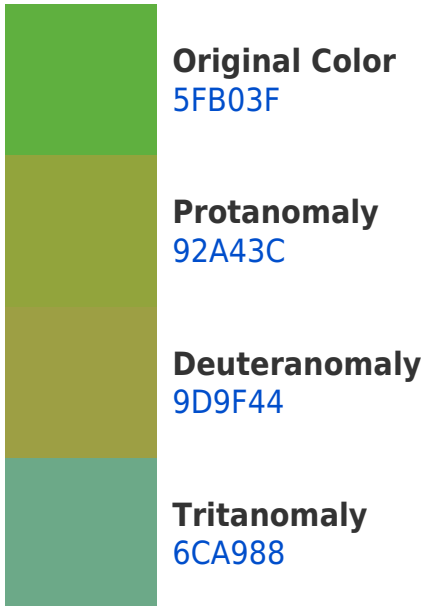
Protanopia
AF9D3A

Deuteranopia
C19547

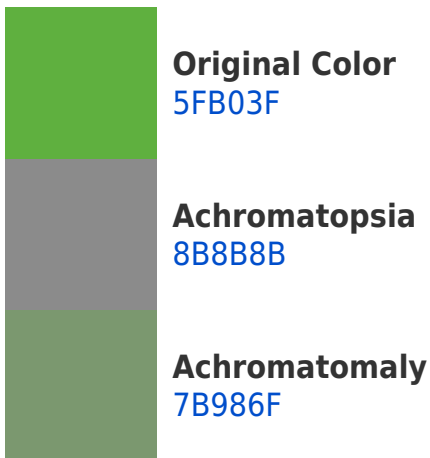


Tritanopia
73A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB03F 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 #5FB03F looks like.

```
.text, #text, p{  
    color:#5FB03F  
}
```

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 #5FB03F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB03F
}
```

Border

The CSS property to change the border of an element to Hex 5FB03F 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
#5FB03F }
```

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

```
.border{ border-color:#5FB03F }
```

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

Here you see how a box with a 4 pixel #5FB03F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB03F; -webkit-box-shadow:4px 4px  
4px 4px #5FB03F; box-shadow:4px 4px 4px  
4px #5FB03F }
```

Background

The CSS property to change the background color of an element to Hex 5FB03F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB03F }
```

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

```
.background{ background-color:#5FB03F }
```

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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