

Converting Colors

Hex(3FB30B)

Have a look what the booklet for
Hex(3FB30B) contains.

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Color

Hex(3FB30B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3FB30B |
| RGB | 63, 179, 11 |
| RGB Percent | 25%, 70%, 4% |
| CMY | 0.7529, 0.2980, 0.9569 |
| CMYK | 0.65, 0.00, 0.94, 0.30 |
| HSL | 101°, 88%, 37% |
| HSV | 101°, 94%, 70% |
| XYZ | 18.2304, 33.3211, 5.7874 |
| YIQ | 125.1640, -15.2080, -76.8400 |

Conversions

Conversions Part 2

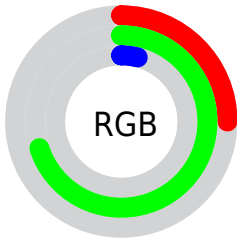
| Format | Color |
|-------------------------------------|--|
| RYB | 11, 179, 127 |
| Decimal | 4174603 |
| CIELab | 64.42, -58.29, 63.46 |
| CIElCh | 64, 86.164, 132.568 |
| Yxy | 33.3211, 0.3179, 0.5811 |
| Android (android.graphics.Color) | 4282364683 (0xFF3FB30B) |
| YUV | 125.1640, -56.2829, -54.5178 |
| Hunter-Lab | 57.7245, -44.6443, 34.4628 |

Details

The Hex color **3FB30B** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7F0BB3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7EEC50**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **37B300**, and if you desaturate by 10%, it is **4BB31D**.

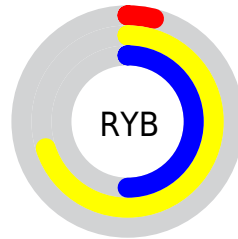
Distribution



Red (25%)

Green (70%)

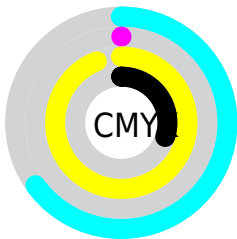
Blue (4%)



Red (4%)

Yellow (70%)

Blue (50%)

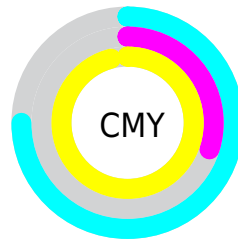


Cyan (65%)

Magenta (0%)

Yellow (94%)

Black (30%)



Cyan (75%)

Magenta (30%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB30B 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 3FB30B by changing the saturation by 10% instead.



3FB30B



3FB30B

FFFFFF



139800



7EEC50



007D00



9CFF6C



006300



B9FF88



004A00



D7FFA4



003300



F6FFC0



001800



FFFFDD



000000



FFFFFFB



3FB30B



3FB30B

■ 37B300

■ 4BB31D

■ 58B32F

■ 64B341

■ 70B353

■ 7DB365

■ 89B376

■ 96B388

■ A2B39A

■ AEB3AC

Harmonies

Analogous

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



9FA300



3FB30B



00BB6B

Triad

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



3FB30B



00B2FF



FF3D7F

Complementary

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



3FB30B



7F0BB3

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.



FF4ACC



3FB30B



009BFF

Square

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



3FB30B



00BCFF



C676FF



FF6135

Rectangle

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



3FB30B



00BDA1



C676FF



FF3A99

Sweetspot

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



3FB30B



BBE8A7



B37E0B



5A754D



F5F5F5



757575

Same Dimension

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



3FB30B



48E800



0BB32A



535950



2F9900



081A00

Inverse Universe

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



7F0BB3



A000E8



B30B94



565059



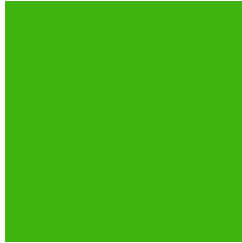
6A0099



12001A

Previews

White Background



This preview shows how the Hex color 3FB30B looks on a white background.

Color Contrast Check

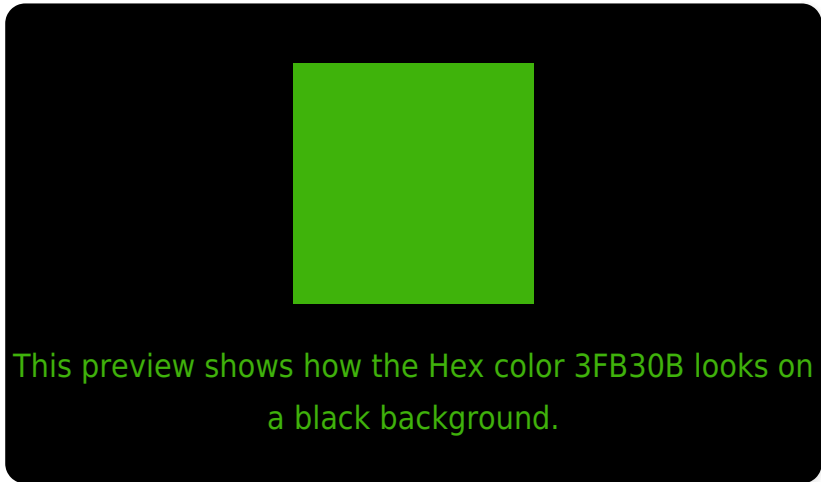
Large Text (above 18pt) WCAG AA × Fail

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 3FB30B Background



This preview shows how black text looks on a background with the Hex color 3FB30B.



This preview shows how white text looks on a background with the Hex color 3FB30B.

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](#).

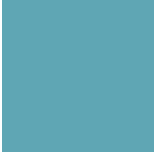
Dichromacy



Original Color
3FB30B

Protanopia
AF9B00

Deuteranopia
C39327



Tritanopia
5FA6B4

Trichromacy



Original Color
3FB30B



Protanomaly
86A404



Deuteranomaly
939F1D



Tritanomaly
53AB77

Monochromacy



Original Color
3FB30B



Achromatopsia
7D7D7D



Achromatomaly
669154

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB30B 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 #3FB30B looks like.

```
.text, #text, p{  
    color:#3FB30B  
}
```

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 #3FB30B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB30B
}
```

Border

The CSS property to change the border of an element to Hex 3FB30B 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
#3FB30B }
```

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

```
.border{ border-color:#3FB30B }
```

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

Here you see how a box with a 4 pixel #3FB30B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB30B; -webkit-box-shadow:4px 4px  
4px 4px #3FB30B; box-shadow:4px 4px 4px  
4px #3FB30B }
```

Background

The CSS property to change the background color of an element to Hex 3FB30B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB30B }
```

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

```
.background{ background-color:#3FB30B }
```

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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