

Converting Colors

Hex(3FCB5B)

Have a look what the booklet for
Hex(3FCB5B) contains.

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Color

Hex(3FCB5B)

Conversions

Conversions Part 1

Format	Color
Hex	3FCB5B
RGB	63, 203, 91
RGB Percent	25%, 80%, 36%
CMY	0.7529, 0.2039, 0.6431
CMYK	0.69, 0.00, 0.55, 0.20
HSL	132°, 57%, 52%
HSV	132°, 69%, 80%
XYZ	25.2942, 44.5240, 17.1584
YIQ	148.3720, -47.4880, -64.5120

Conversions

Conversions Part 2

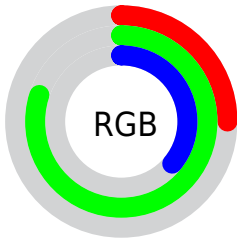
Format	Color
RYB	63, 180, 203
Decimal	4180827
CIELab	72.58, -60.19, 44.69
CIELCh	73, 74.966, 143.405
Yxy	44.5240, 0.2908, 0.5119
Android (android.graphics.Color)	4282370907 (0xFF3FCB5B)
YUV	148.3720, -28.2844, -74.8712
Hunter-Lab	66.7263, -49.1064, 31.4622

Details

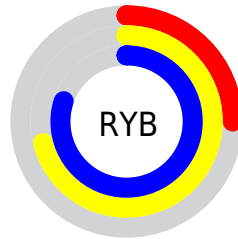
The Hex color **3FCB5B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CB3FAF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **80FF90**, and **009327** is the 20% darker color. If you saturate the color by 10%, you get **2BCB4B**, and if you desaturate by 10%, it is **53CB6B**.

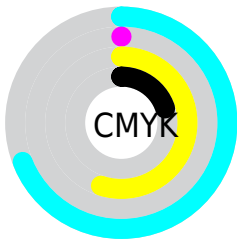
Distribution



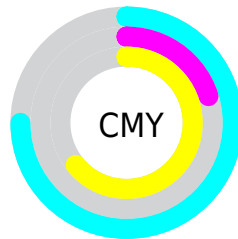
- Red (25%)
- Green (80%)
- Blue (36%)



- Red (25%)
- Yellow (71%)
- Blue (80%)



- Cyan (69%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)



- Cyan (75%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FCB5B 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 3FCB5B by changing the saturation by 10% instead.



3FCB5B



3FCB5B

FFFFFF



0CAF41



80FF90



009327



9EFFAB



007908



BCFFC7



005F00



DAFFE4



004500



F8FFFF



002F00



001000



000000



3FCB5B



3FCB5B

 2BCB4B

 53CB6B

 16CB3B

 68CB7B

 02CB2A

 7CCB8C

 00CB29

 90CB9C

 A5CBAC

 B9CBBC

 CDCBCD

 E1CBDD

 F6CBED

Harmonies

Analogous

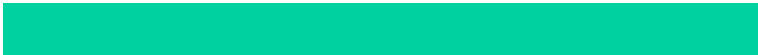
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0BE1E



3FCB5B



00D1A0

Triad

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



3FCB5B



00BFFF



FF7380

Complementary

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



3FCB5B



CB3FAF

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.



FF6FC4



3FCB5B



94A6FF

Square

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



3FCB5B



00CDFF



F687FF



FF8D43

Rectangle

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



3FCB5B



00D2D0



F687FF



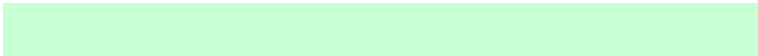
FF6E96

Sweetspot

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



3FCB5B



C9FFD4



AFCB3F



608066



000000



808080

Same Dimension

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



3FCB5B



2BFF56



3FCBA1



5C665E



00A621



002608

Inverse Universe

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



CB3FAF



FF2BD5



CB3F69



665C64



A60085



26001F

Previews

White Background



This preview shows how the Hex color 3FCB5B looks on a white background.

Color Contrast Check

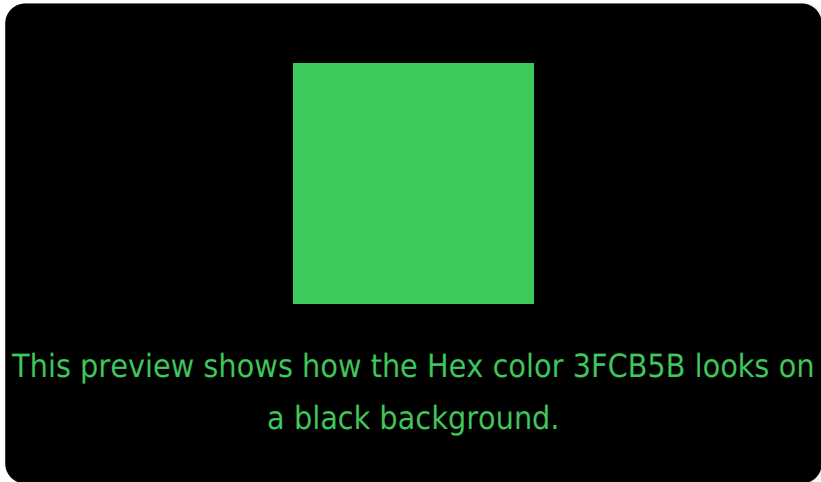
Large Text (above 18pt) WCAG AA × Fail

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

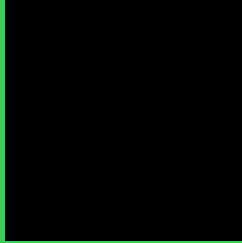
Any Text WCAG AA ✓ Pass

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 3FCB5B Background



This preview shows how black text looks on a background with the Hex color 3FCB5B.

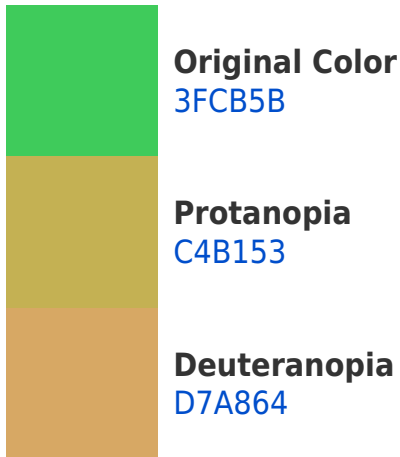


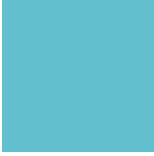
This preview shows how white text looks on a background with the Hex color 3FCB5B.

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
62BFCE

Trichromacy



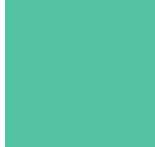
Original Color
3FCB5B



Protanomaly
94BA56



Deuteranomaly
A0B561



Tritanomaly
55C3A4

Monochromacy



Original Color
3FCB5B



Achromatopsia
949494



Achromatomaly
75A87F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FCB5B 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 #3FCB5B looks like.

```
.text, #text, p{  
    color:#3FCB5B  
}
```

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 #3FCB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCB5B
}
```

Border

The CSS property to change the border of an element to Hex 3FCB5B 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
#3FCB5B }
```

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

```
.border{ border-color:#3FCB5B }
```

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

Here you see how a box with a 4 pixel #3FCB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCB5B; -webkit-box-shadow:4px 4px  
4px 4px #3FCB5B; box-shadow:4px 4px 4px  
4px #3FCB5B }
```

Background

The CSS property to change the background color of an element to Hex 3FCB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCB5B }
```

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

```
.background{ background-color:#3FCB5B }
```

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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