

Converting Colors

Hex(5FC65B)

Have a look what the booklet for
Hex(5FC65B) contains.

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Color

Hex(5FC65B)

Conversions

Conversions Part 1

Format	Color
Hex	5FC65B
RGB	95, 198, 91
RGB Percent	37%, 78%, 36%
CMY	0.6275, 0.2235, 0.6431
CMYK	0.52, 0.00, 0.54, 0.22
HSL	118°, 48%, 57%
HSV	118°, 54%, 78%
XYZ	26.8017, 43.5764, 16.8960
YIQ	155.0050, -27.0410, -55.1130

Conversions

Conversions Part 2

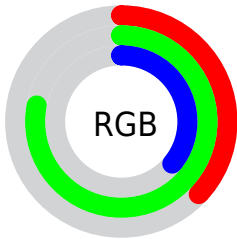
Format	Color
RYB	91, 198, 194
Decimal	6276699
CIELab	71.94, -51.19, 44.15
CIELCh	72, 67.604, 139.222
Yxy	43.5764, 0.3071, 0.4993
Android (android.graphics.Color)	4284466779 (0xFF5FC65B)
YUV	155.0050, -31.5545, -52.6244
Hunter-Lab	66.0124, -43.0489, 31.0333

Details

The Hex color **5FC65B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C25BC6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **99FF90**, and **1D8F28** is the 20% darker color. If you saturate the color by 10%, you get **4CC647**, and if you desaturate by 10%, it is **72C66F**.

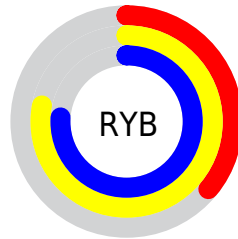
Distribution



Red (37%)

Green (78%)

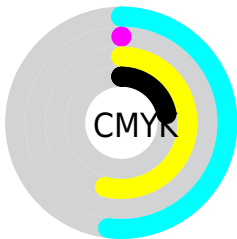
Blue (36%)



Red (36%)

Yellow (78%)

Blue (76%)

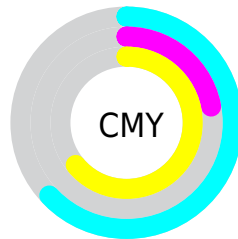


Cyan (52%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (63%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC65B 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 5FC65B by changing the saturation by 10% instead.

 5FC65B

 5FC65B

FFFFFF

 41AA41

 99FF90

 1D8F28

 B6FFAB

 007509

 D3FFC7


 005B00

 F1FFE3

 004200

 002D00

 000D00

 000000

 5FC65B

 5FC65B

 4CC647

 72C66F

 39C633

 85C683

 26C620

 98C696

 13C60C

 ABC6AA

 07C600

 BEC6BE

 D1C6D2

 E4C6E6

 F7C6F9

 FFC6FF

Harmonies

Analogous

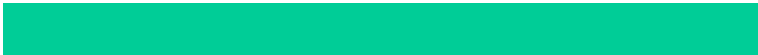
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAB92E



5FC65B



00CD97

Triad

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



5FC65B



00BEFF



FF798B

Complementary

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



5FC65B



C25BC6

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.



FF79C9



5FC65B



87A9FF

Square

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



5FC65B



00CAFF



E58FFF



FF8D54

Rectangle

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



5FC65B



00CEC2



E58FFF



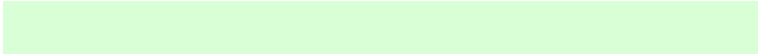
FF76A0

Sweetspot

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



5FC65B



D8FFD6



C6C15B



688067



000000



808080

Same Dimension

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



5FC65B



5FFF59



5BC68B



5A635A



06A300



012400

Inverse Universe

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



C25BC6



F959FF



C65B96



635A63



9D00A3



220024

Previews

White Background



This preview shows how the Hex color 5FC65B looks on a white background.

Color Contrast Check

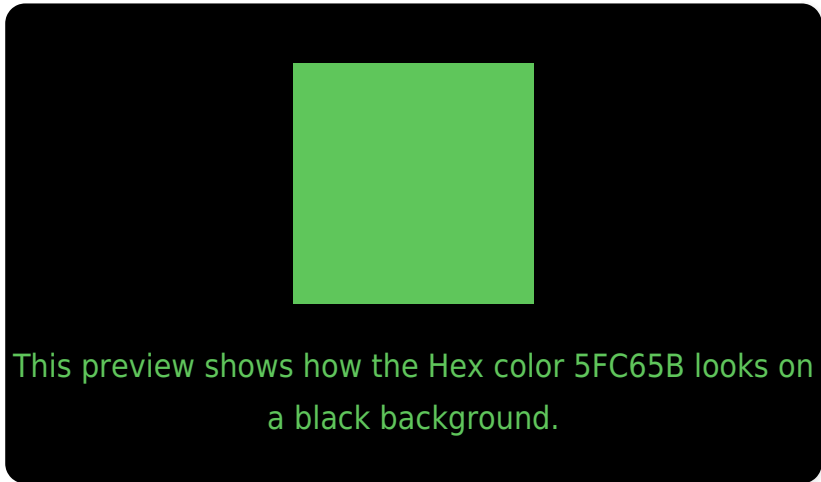
Large Text (above 18pt) WCAG AA × Fail

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 5FC65B Background



This preview shows how black text looks on a background with the Hex color 5FC65B.

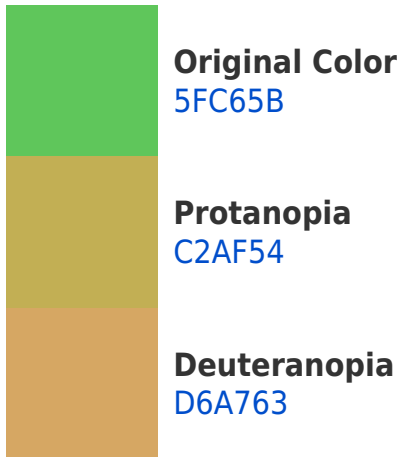


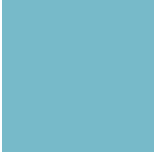
This preview shows how white text looks on a background with the Hex color 5FC65B.

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](#).

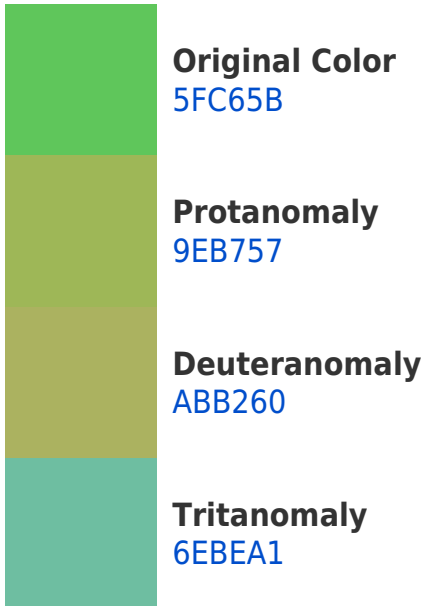
Dichromacy



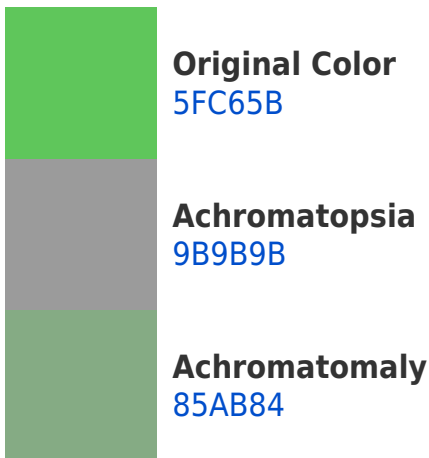


Tritanopia
77BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC65B 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 #5FC65B looks like.

```
.text, #text, p{  
    color:#5FC65B  
}
```

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 #5FC65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC65B
}
```

Border

The CSS property to change the border of an element to Hex 5FC65B 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
#5FC65B }
```

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

```
.border{ border-color:#5FC65B }
```

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

Here you see how a box with a 4 pixel #5FC65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC65B; -webkit-box-shadow:4px 4px  
4px 4px #5FC65B; box-shadow:4px 4px 4px  
4px #5FC65B }
```

Background

The CSS property to change the background color of an element to Hex 5FC65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC65B }
```

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

```
.background{ background-color:#5FC65B }
```

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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