

Converting Colors

Hex(5FBF2C)

Have a look what the booklet for
Hex(5FBF2C) contains.

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Color

Hex(5FBF2C)

Conversions

Conversions Part 1

Format	Color
Hex	5FBF2C
RGB	95, 191, 44
RGB Percent	37%, 75%, 17%
CMY	0.6275, 0.2510, 0.8275
CMYK	0.50, 0.00, 0.77, 0.25
HSL	99°, 63%, 46%
HSV	99°, 77%, 75%
XYZ	23.8047, 39.8763, 8.8251
YIQ	145.5380, -10.0290, -66.0690

Conversions

Conversions Part 2

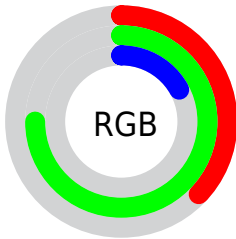
Format	Color
RYB	44, 191, 140
Decimal	6274860
CIELab	69.38, -52.85, 60.66
CIELCh	69, 80.452, 131.068
Yxy	39.8763, 0.3283, 0.5500
Android (android.graphics.Color)	4284464940 (0xFF5FBF2C)
YUV	145.5380, -50.0582, -44.3218
Hunter-Lab	63.1477, -43.2195, 35.9174

Details

The Hex color **5FBF2C** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8C2CBF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **99F865**, and **1B8900** is the 20% darker color. If you saturate the color by 10%, you get **53BF19**, and if you desaturate by 10%, it is **6BBF3F**.

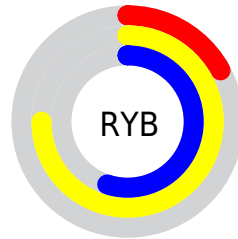
Distribution



Red (37%)

Green (75%)

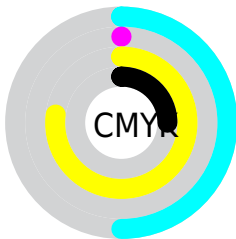
Blue (17%)



Red (17%)

Yellow (75%)

Blue (55%)

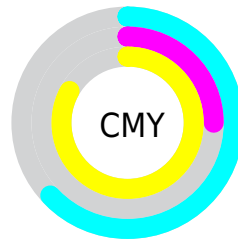


Cyan (50%)

Magenta (0%)

Yellow (77%)

Black (25%)



Cyan (63%)

Magenta (25%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBF2C 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 5FBF2C by changing the saturation by 10% instead.



5FBF2C



5FBF2C

FFFFFF



40A301



99F865



1B8900



B7FF80



006E00



D4FF9C



005500



F2FFB8



003D00



FFFFD5



002600



FFFFF2



000000



5FBF2C



5FBF2C



53BF19



6BBF3F

 46BF06

 78BF52

 42BF00

 84BF65

 91BF78

 9DBF8C

 AABF9F

 B6BFB2

 C3BFC5

 CFBFD8

Harmonies

Analogous

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



B2AF00



5FBF2C



00C877

Triad

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



5FBF2C



00BEFF



FF5A92

Complementary

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



5FBF2C



8C2CBF

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.



FF66DA



5FBF2C



00A9FF

Square

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



5FBF2C



00C8FF



CE89FF



FF734C

Rectangle

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



5FBF2C



00CAAA



CE89FF



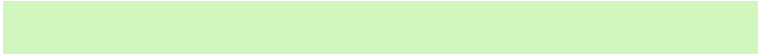
FF59AA

Sweetspot

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



5FBF2C



D2F7BE



BF8C2C



667D5A



FCFCFC



7D7D7D

Same Dimension

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



5FBF2C



63F714



2CBF42



585E55



379E00



0B1F00

Inverse Universe

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



8C2CBF



A814F7



BF2CA9



5B555E



67009E



14001F

Previews

White Background



This preview shows how the Hex color 5FBF2C looks on a white background.

Color Contrast Check

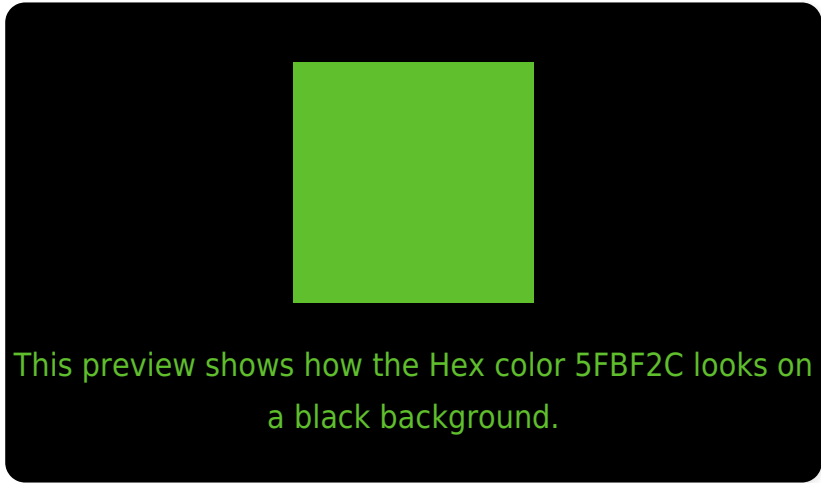
Large Text (above 18pt) WCAG AA × Fail

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 5FBF2C Background



This preview shows how black text looks on a background with the Hex color 5FBF2C.



This preview shows how white text looks on a background with the Hex color 5FBF2C.

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](#).

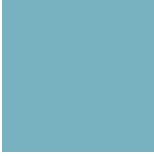
Dichromacy



Original Color
5FBF2C

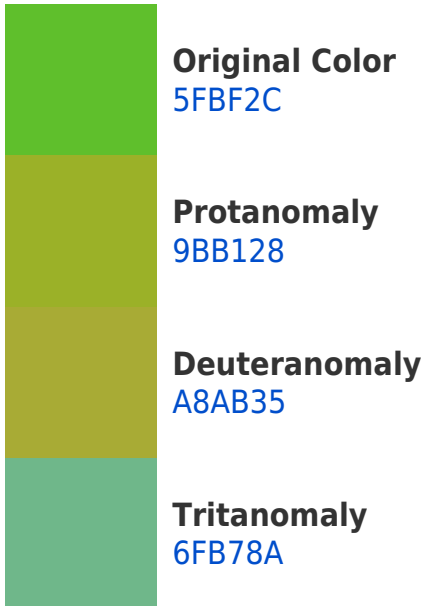
Protanopia
BDA926

Deuteranopia
D2A03A

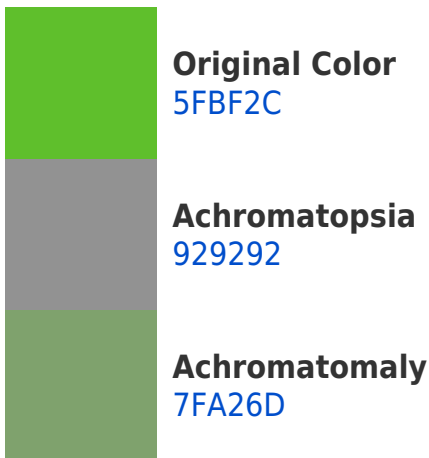


Tritanopia
78B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBF2C 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 #5FBF2C looks like.

```
.text, #text, p{  
    color:#5FBF2C  
}
```

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 #5FBF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBF2C
}
```

Border

The CSS property to change the border of an element to Hex 5FBF2C 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
#5FBF2C }
```

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

```
.border{ border-color:#5FBF2C }
```

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

Here you see how a box with a 4 pixel #5FBF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBF2C; -webkit-box-shadow:4px 4px  
4px 4px #5FBF2C; box-shadow:4px 4px 4px  
4px #5FBF2C }
```

Background

The CSS property to change the background color of an element to Hex 5FBF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBF2C }
```

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

```
.background{ background-color:#5FBF2C }
```

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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