

Converting Colors

Hex(5FC72C)

Have a look what the booklet for
Hex(5FC72C) contains.

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Color

Hex(5FC72C)

Conversions

Conversions Part 1

Format	Color
Hex	5FC72C
RGB	95, 199, 44
RGB Percent	37%, 78%, 17%
CMY	0.6275, 0.2196, 0.8275
CMYK	0.52, 0.00, 0.78, 0.22
HSL	100°, 64%, 48%
HSV	100°, 78%, 78%
XYZ	25.5974, 43.4616, 9.4227
YIQ	150.2340, -12.2290, -70.2530

Conversions

Conversions Part 2

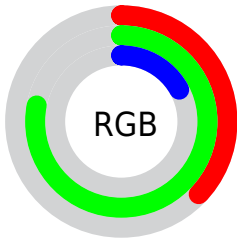
Format	Color
RYB	44, 199, 148
Decimal	6276908
CIELab	71.87, -55.85, 63.03
CIELCh	72, 84.213, 131.542
Yxy	43.4616, 0.3262, 0.5538
Android (android.graphics.Color)	4284466988 (0xFF5FC72C)
YUV	150.2340, -52.3734, -48.4402
Hunter-Lab	65.9254, -46.0619, 37.6735

Details

The Hex color **5FC72C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **942CC7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9AFF66**, and **169000** is the 20% darker color. If you saturate the color by 10%, you get **52C718**, and if you desaturate by 10%, it is **6CC740**.

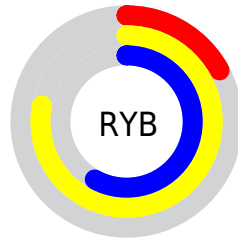
Distribution



Red (37%)

Green (78%)

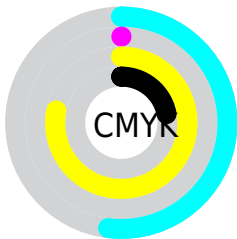
Blue (17%)



Red (17%)

Yellow (78%)

Blue (58%)

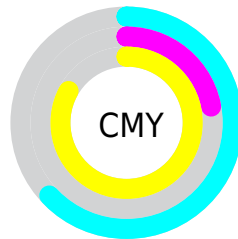


Cyan (52%)

Magenta (0%)

Yellow (78%)

Black (22%)



Cyan (63%)

Magenta (22%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC72C 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 5FC72C by changing the saturation by 10% instead.



5FC72C



5FC72C

FFFFFF



3FAB00



9AFF66



169000



B8FF82



007600



D6FF9E



005C00



F4FFBA



004300



FFFFD7



002D00



FFFFF4



000D00



000000



5FC72C



5FC72C

 52C718

 6CC740

 44C704

 7AC754

 41C700

 87C768

 94C77C

 A2C790

 AFC7A3

 BCC7B7

 CAC7CB

 D7C7DF

Harmonies

Analogous

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



B8B600



5FC72C



00D07C

Triad

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



5FC72C



00C6FF



FF5C96

Complementary

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



5FC72C



942CC7

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.



FF67E3



5FC72C



00B0FF

Square

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



5FC72C



00D0FF



D88DFF



FF774D

Rectangle

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



5FC72C



00D2B2



D88DFF



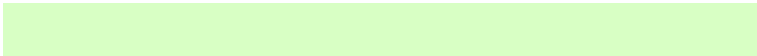
FF5AB0

Sweetspot

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



5FC72C



D8FFC4



C7932C



68805C



000000



808080

Same Dimension

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



5FC72C



60FF12



2CC746



5D635A



36A300



0C2400

Inverse Universe

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



942CC7



B112FF



C72CAD



605A63



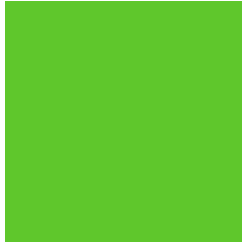
6E00A3



180024

Previews

White Background



This preview shows how the Hex color 5FC72C looks on a white background.

Color Contrast Check

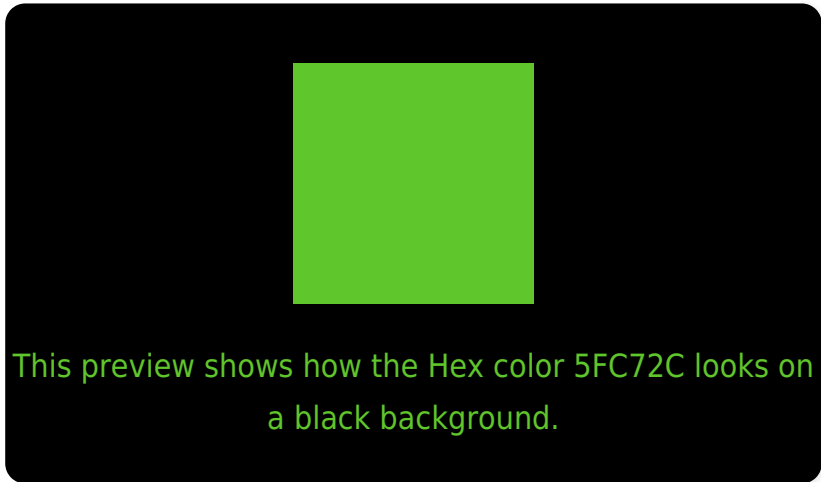
Large Text (above 18pt) WCAG AA × Fail

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 5FC72C Background



This preview shows how black text looks on a background with the Hex color 5FC72C.

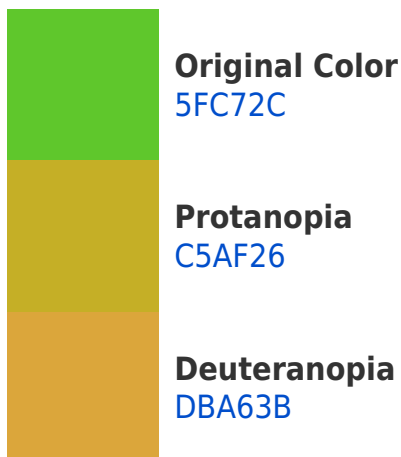


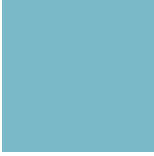
This preview shows how white text looks on a background with the Hex color 5FC72C.

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
7AB9C8

Trichromacy



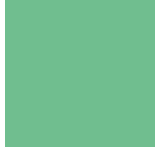
Original Color
5FC72C



Protanomaly
A0B828



Deuteranomaly
AEB236



Tritanomaly
70BE8F

Monochromacy



Original Color
5FC72C



Achromatopsia
969696



Achromatomaly
82A86F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC72C 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 #5FC72C looks like.

```
.text, #text, p{  
    color:#5FC72C  
}
```

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 #5FC72C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC72C
}
```

Border

The CSS property to change the border of an element to Hex 5FC72C 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
#5FC72C }
```

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

```
.border{ border-color:#5FC72C }
```

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

Here you see how a box with a 4 pixel #5FC72C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC72C; -webkit-box-shadow:4px 4px  
4px 4px #5FC72C; box-shadow:4px 4px 4px  
4px #5FC72C }
```

Background

The CSS property to change the background color of an element to Hex 5FC72C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC72C }
```

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

```
.background{ background-color:#5FC72C }
```

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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