

Converting Colors

Hex(5FC76D)

Have a look what the booklet for
Hex(5FC76D) contains.

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Color

Hex(5FC76D)

Conversions

Conversions Part 1

Format	Color
Hex	5FC76D
RGB	95, 199, 109
RGB Percent	37%, 78%, 43%
CMY	0.6275, 0.2196, 0.5725
CMYK	0.52, 0.00, 0.45, 0.22
HSL	128°, 48%, 58%
HSV	128°, 52%, 78%
XYZ	27.9031, 44.3839, 21.5643
YIQ	157.6440, -33.0940, -50.0380

Conversions

Conversions Part 2

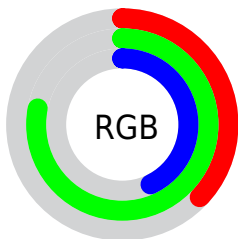
Format	Color
RYB	95, 187, 199
Decimal	6276973
CIELab	72.48, -49.09, 35.98
CIELCh	72, 60.863, 143.761
Yxy	44.3839, 0.2973, 0.4729
Android (android.graphics.Color)	4284467053 (0xFF5FC76D)
YUV	157.6440, -23.9815, -54.9388
Hunter-Lab	66.6212, -41.8257, 27.4436

Details

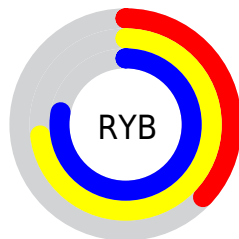
The Hex color **5FC76D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C75FB9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98FFA2**, and **1F903B** is the 20% darker color. If you saturate the color by 10%, you get **4BC75C**, and if you desaturate by 10%, it is **73C77E**.

Distribution



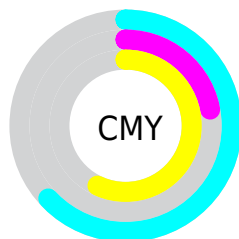
- Red (37%)
- Green (78%)
- Blue (43%)



- Red (37%)
- Yellow (73%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC76D 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 5FC76D by changing the saturation by 10% instead.

 5FC76D

 5FC76D

FFFFFF

 41AB54

 98FFA2

 1F903B

 B5FFBD

 007623

 D2FFD9

 005C08

 F0FFF6

 004300

 002D00

 001000

 000000

 5FC76D

 5FC76D

 4BC75C

 73C77E

 37C74B

 87C78F

 23C739

 9BC7A1

 0FC728

 AFC7B2

 00C71B

 C3C7C3

 D6C7D4

 EAC7E6

 FEC7F7

 FFC7FF

Harmonies

Analogous

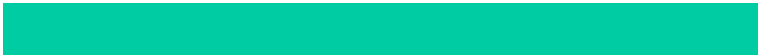
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BC45



5FC76D



00CCA4

Triad

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



5FC76D



00BBFF



FF8488

Complementary

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



5FC76D



C75FB9

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.



FF81C0



5FC76D



A0A8FF

Square

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



5FC76D



00C8FF



EB91F4



FF9659

Rectangle

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



5FC76D



00CDCB



EB91F4



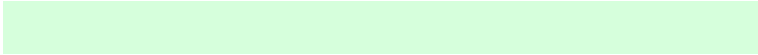
FF809A

Sweetspot

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



5FC76D



D6FFDC



B9C75F



67806B



000000



808080

Same Dimension

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



5FC76D



5EFF74



5FC7A1



5A635B



00A316



002405

Inverse Universe

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



C75FB9



FF5EE9



C75F85



635A62



A3008D



24001F

Previews

White Background



This preview shows how the Hex color 5FC76D looks on a white background.

Color Contrast Check

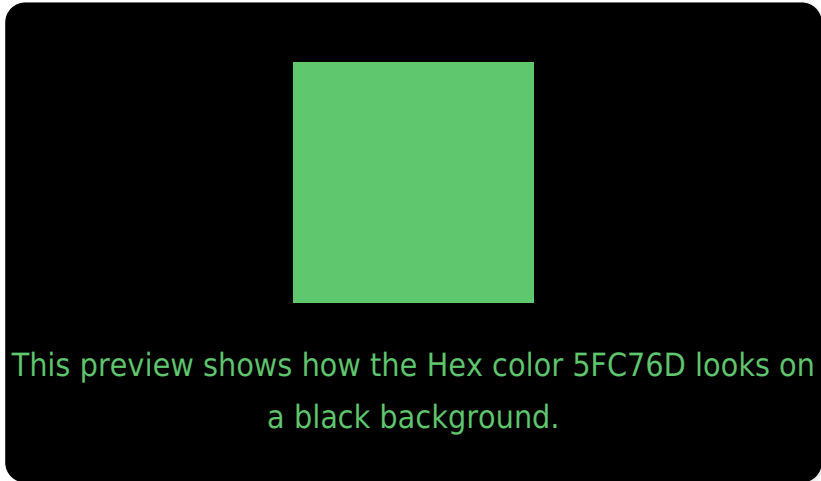
Large Text (above 18pt) WCAG AA × Fail

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

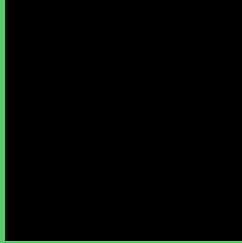
Any Text WCAG AA ✓ Pass

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 5FC76D Background



This preview shows how black text looks on a background with the Hex color 5FC76D.

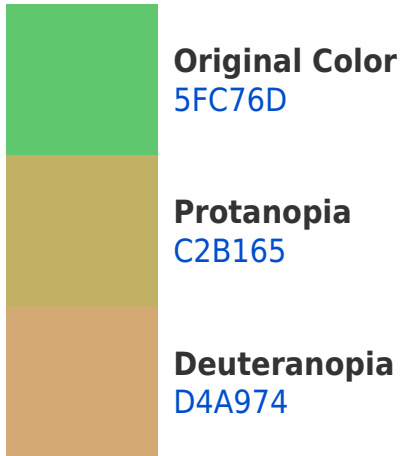


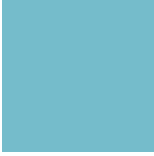
This preview shows how white text looks on a background with the Hex color 5FC76D.

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
75BCCB

Trichromacy



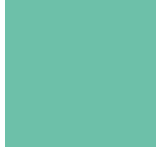
Original Color
5FC76D



Protanomaly
9EB968



Deuteranomaly
A9B471



Tritanomaly
6DC0A9

Monochromacy



Original Color
5FC76D



Achromatopsia
9E9E9E



Achromatomaly
87AD8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC76D 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 #5FC76D looks like.

```
.text, #text, p{  
    color:#5FC76D  
}
```

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 #5FC76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC76D
}
```

Border

The CSS property to change the border of an element to Hex 5FC76D 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
#5FC76D }
```

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

```
.border{ border-color:#5FC76D }
```

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

Here you see how a box with a 4 pixel #5FC76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC76D; -webkit-box-shadow:4px 4px  
4px 4px #5FC76D; box-shadow:4px 4px 4px  
4px #5FC76D }
```

Background

The CSS property to change the background color of an element to Hex 5FC76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC76D }
```

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

```
.background{ background-color:#5FC76D }
```

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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