

Converting Colors

Hex(5FBC79)

Have a look what the booklet for
Hex(5FBC79) contains.

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Color

Hex(5FBC79)

Conversions

Conversions Part 1

Format	Color
Hex	5FBC79
RGB	95, 188, 121
RGB Percent	37%, 74%, 47%
CMY	0.6275, 0.2627, 0.5255
CMYK	0.49, 0.00, 0.36, 0.26
HSL	137°, 41%, 55%
HSV	137°, 49%, 74%
XYZ	26.1537, 39.7798, 24.3890
YIQ	152.5550, -33.9210, -40.5530

Conversions

Conversions Part 2

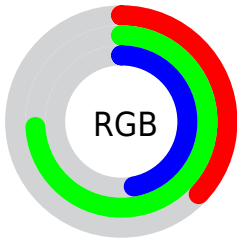
Format	Color
RYB	95, 168, 188
Decimal	6274169
CIELab	69.31, -42.51, 25.63
CIElCh	69, 49.640, 148.917
Yxy	39.7798, 0.2896, 0.4404
Android (android.graphics.Color)	4284464249 (0xFF5FBC79)
YUV	152.5550, -15.5566, -50.4757
Hunter-Lab	63.0712, -36.3561, 21.2230

Details

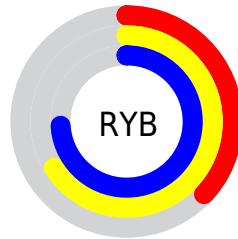
The Hex color **5FBC79** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5FA2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **97F5AE**, and **248648** is the 20% darker color. If you saturate the color by 10%, you get **4CBC6B**, and if you desaturate by 10%, it is **72BC87**.

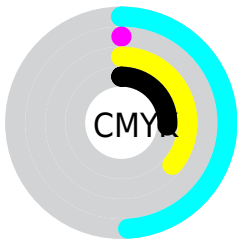
Distribution



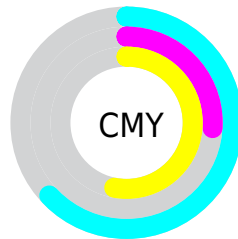
- Red (37%)
- Green (74%)
- Blue (47%)



- Red (37%)
- Yellow (66%)
- Blue (74%)



- Cyan (49%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBC79 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 5FBC79 by changing the saturation by 10% instead.

 5FBC79

 5FBC79

FFFFFF

 43A160

 97F5AE

 248648

 B3FFC9

 006C30

 D0FFE6

 00531A

 EDFFFF

 003B02

 002600

 000000

 5FBC79

 5FBC79

 4CBC6B

 72BC87

 39BC5E

 85BC94

 27BC50

 97BCA2

 14BC43

 AABCAF

 01BC35

 BDBCBD

 00BC35

 D0BCCA

 E3BCD8

 F5BCE5

 FFBCF3

Harmonies

Analogous

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



98B357



5FBC79



00C0A6

Triad

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



5FBC79



54AEFF



FC8880

Complementary

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



5FBC79



BC5FA2

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.



FA84AD



5FBC79



AA9EF8

Square

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



5FBC79



00BAF5



DF8DD8



E8965D

Rectangle

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



5FBC79



00C0C5



DF8DD8



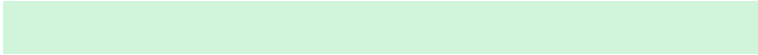
FE858E

Sweetspot

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



5FBC79



D0F5DA



A3BC5F



647A6B



FAFAFA



7A7A7A

Same Dimension

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



5FBC79



64F58D



5FBCA6



555E58



009E2C



001F09

Inverse Universe

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



BC5FA2



F564CC



BC5F75



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 5FBC79 looks on a white background.

Color Contrast Check

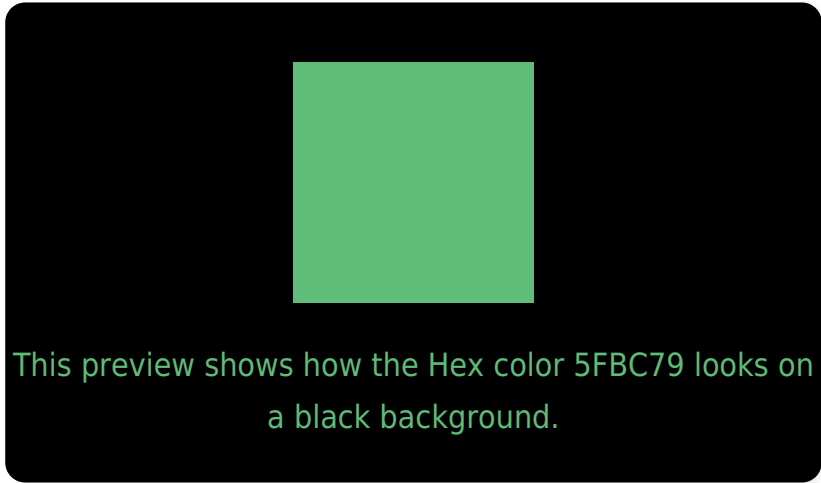
Large Text (above 18pt) WCAG AA × Fail

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 5FBC79 Background



This preview shows how black text looks on a background with the Hex color 5FBC79.

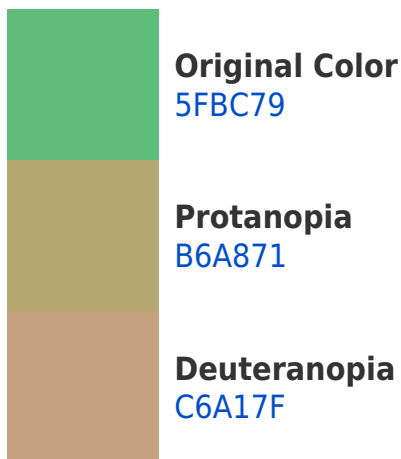


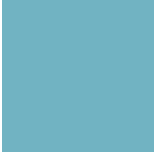
This preview shows how white text looks on a background with the Hex color 5FBC79.

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
71B3C2

Trichromacy



Original Color
5FBC79



Protanomaly
96AF74



Deuteranomaly
A1AB7D



Tritanomaly
6AB6A7

Monochromacy



Original Color
5FBC79



Achromatopsia
999999



Achromatomaly
84A68D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBC79 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 #5FBC79 looks like.

```
.text, #text, p{  
    color:#5FBC79  
}
```

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 #5FBC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBC79
}
```

Border

The CSS property to change the border of an element to Hex 5FBC79 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
#5FBC79 }
```

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

```
.border{ border-color:#5FBC79 }
```

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

Here you see how a box with a 4 pixel #5FBC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBC79; -webkit-box-shadow:4px 4px  
4px 4px #5FBC79; box-shadow:4px 4px 4px  
4px #5FBC79 }
```

Background

The CSS property to change the background color of an element to Hex 5FBC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBC79 }
```

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

```
.background{ background-color:#5FBC79 }
```

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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