

Converting Colors

Hex(5FBA7C)

Have a look what the booklet for
Hex(5FBA7C) contains.

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Color

Hex(5FBA7C)

Conversions

Conversions Part 1

Format	Color
Hex	5FBA7C
RGB	95, 186, 124
RGB Percent	37%, 73%, 49%
CMY	0.6275, 0.2706, 0.5137
CMYK	0.49, 0.00, 0.33, 0.27
HSL	139°, 40%, 55%
HSV	139°, 49%, 73%
XYZ	25.9163, 39.0059, 25.2318
YIQ	151.7230, -34.3340, -38.5740

Conversions

Conversions Part 2

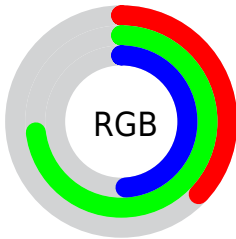
Format	Color
RYB	95, 164, 186
Decimal	6273660
CIELab	68.76, -41.10, 23.28
CIELCh	69, 47.237, 150.466
Yxy	39.0059, 0.2875, 0.4327
Android (android.graphics.Color)	4284463740 (0xFF5FBA7C)
YUV	151.7230, -13.6674, -49.7461
Hunter-Lab	62.4547, -35.2252, 19.7651

Details

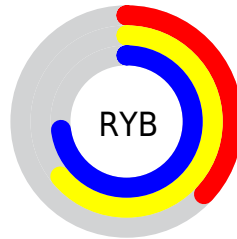
The Hex color **5FBA7C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5F9D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **97F3B1**, and **24844B** is the 20% darker color. If you saturate the color by 10%, you get **4CBA6F**, and if you desaturate by 10%, it is **72BA89**.

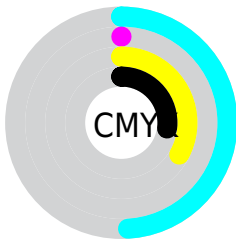
Distribution



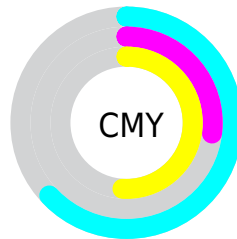
- Red (37%)
- Green (73%)
- Blue (49%)



- Red (37%)
- Yellow (64%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBA7C 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 5FBA7C by changing the saturation by 10% instead.

 5FBA7C

 5FBA7C

FFFFFF

 439F63

 97F3B1

 24844B

 B3FFCD

 006A33

 CFFFE9

 00511D

 EDFFFF

 003906

 002500

 000000

 5FBA7C

 5FBA7C

 4CBA6F

 72BA89

 3ABA63

 84BA95

 27BA56

 97BAA2

 15BA49

 A9BAAF

 02BA3D

 BCBABB

 00BA3B

 CFBAC8

 E1BAD5

 F4BAE1

 FFBAEE

Harmonies

Analogous

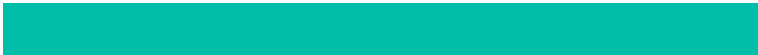
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95B25B



5FBA7C



00BEA7

Triad

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



5FBA7C



5FACFD



F7897F

Complementary

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



5FBA7C



BA5F9D

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.



F684A9



5FBA7C



AC9CF2

Square

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



5FBA7C



00B7F1



DD8DD3



E3965E

Rectangle

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



5FBA7C



00BEC4



DD8DD3



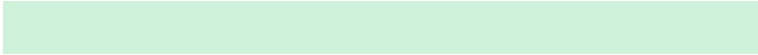
F9868C

Sweetspot

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



5FBA7C



CEF2D9



9DBA5F



647A6B



FAFAFA



7A7A7A

Same Dimension

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



5FBA7C



63F291



5FBAA9



535C56



009C32



001C09

Inverse Universe

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



BA5F9D



F263C5



BA5F70



5C5359



9C006A



1C0013

Previews

White Background



This preview shows how the Hex color 5FBA7C looks on a white background.

Color Contrast Check

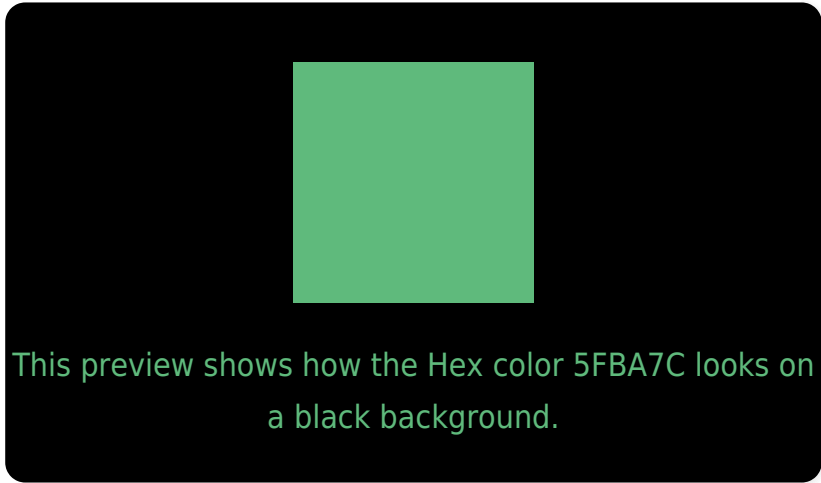
Large Text (above 18pt) WCAG AA × Fail

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

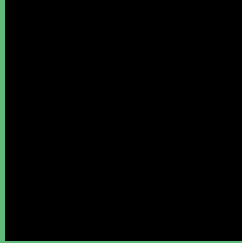
Any Text WCAG AA ✓ Pass

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 5FBA7C Background



This preview shows how black text looks on a background with the Hex color 5FBA7C.

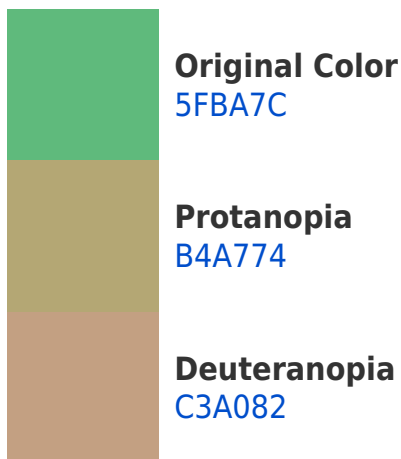


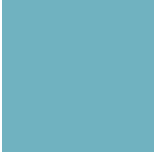
This preview shows how white text looks on a background with the Hex color 5FBA7C.

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](#).

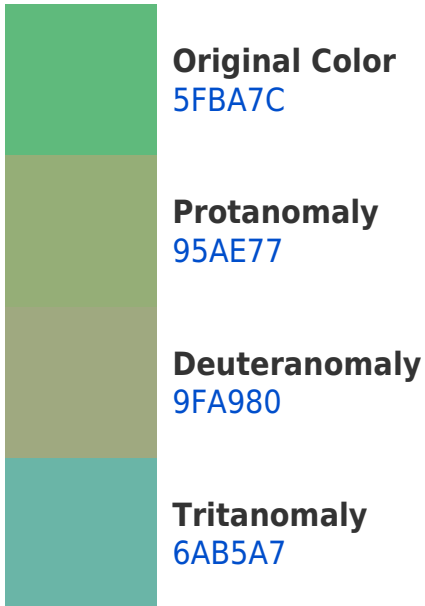
Dichromacy



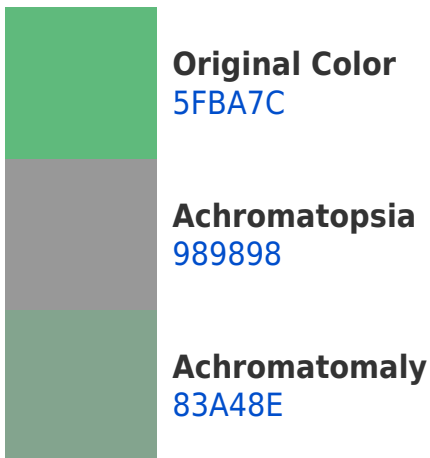


Tritanopia
70B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBA7C 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 #5FBA7C looks like.

```
.text, #text, p{  
    color:#5FBA7C  
}
```

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 #5FBA7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBA7C
}
```

Border

The CSS property to change the border of an element to Hex 5FBA7C 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
#5FBA7C }
```

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

```
.border{ border-color:#5FBA7C }
```

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

Here you see how a box with a 4 pixel #5FBA7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBA7C; -webkit-box-shadow:4px 4px  
4px 4px #5FBA7C; box-shadow:4px 4px 4px  
4px #5FBA7C }
```

Background

The CSS property to change the background color of an element to Hex 5FBA7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBA7C }
```

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

```
.background{ background-color:#5FBA7C }
```

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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