

Converting Colors

Hex(5FBD6A)

Have a look what the booklet for
Hex(5FBD6A) contains.

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Color

Hex(5FBD6A)

Conversions

Conversions Part 1

Format	Color
Hex	5FBD6A
RGB	95, 189, 106
RGB Percent	37%, 74%, 42%
CMY	0.6275, 0.2588, 0.5843
CMYK	0.50, 0.00, 0.44, 0.26
HSL	127°, 42%, 56%
HSV	127°, 50%, 74%
XYZ	25.5184, 39.8687, 19.9861
YIQ	151.4320, -29.3810, -45.7410

Conversions

Conversions Part 2

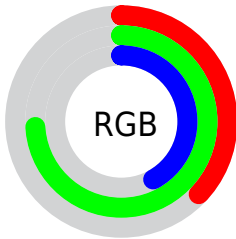
Format	Color
RYB	95, 179, 189
Decimal	6274410
CIELab	69.38, -45.44, 33.54
CIELCh	69, 56.477, 143.572
Yxy	39.8687, 0.2989, 0.4670
Android (android.graphics.Color)	4284464490 (0xFF5FBD6A)
YUV	151.4320, -22.3980, -49.4909
Hunter-Lab	63.1417, -38.3579, 25.4322

Details

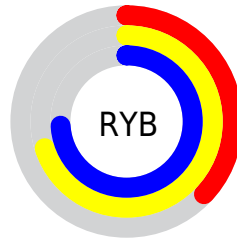
The Hex color **5FBD6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD5FB2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **97F69E**, and **238739** is the 20% darker color. If you saturate the color by 10%, you get **4CBD59**, and if you desaturate by 10%, it is **72BD7B**.

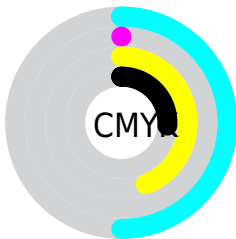
Distribution



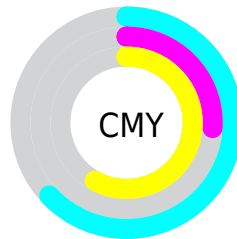
- Red (37%)
- Green (74%)
- Blue (42%)



- Red (37%)
- Yellow (70%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBD6A 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 5FBD6A by changing the saturation by 10% instead.

 5FBD6A

 5FBD6A

FFFFFF

 42A251

 97F69E

 238739

 B4FFBA

 006D21

 D0FFD6

 005407

 EEEFF2

 003B00

 002600

 000000

 5FBD6A

 5FBD6A

 4CBD59

 72BD7B

 39BD49

 85BD8B

 26BD38

 98BD9C

 13BD27

 ABBDAD

 00BD17

 BEBDBD

 00BD16

 D0BDCE

 E3BDDF

 F6BDF0

 FFBDFF

Harmonies

Analogous

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



9EB346



5FBD6A



00C29C

Triad

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



5FBD6A



00B2FF



FF7F83

Complementary

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



5FBD6A



BD5FB2

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.



FF7DB7



5FBD6A



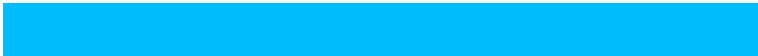
9AA0FF

Square

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



5FBD6A



00BEFB



DE8CE7



F59058

Rectangle

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



5FBD6A



00C3C0



DE8CE7



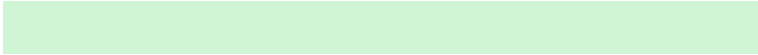
FF7D94

Sweetspot

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



5FBD6A



D0F5D4



B2BD5F



647A67



FAFAFA



7A7A7A

Same Dimension

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



5FBD6A



62F573



5FBD99



555E56



009E13



001F04

Inverse Universe

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



BD5FB2



F562E4



BD5F83



5E555D



9E008C



1F001B

Previews

White Background



This preview shows how the Hex color 5FBD6A looks on a white background.

Color Contrast Check

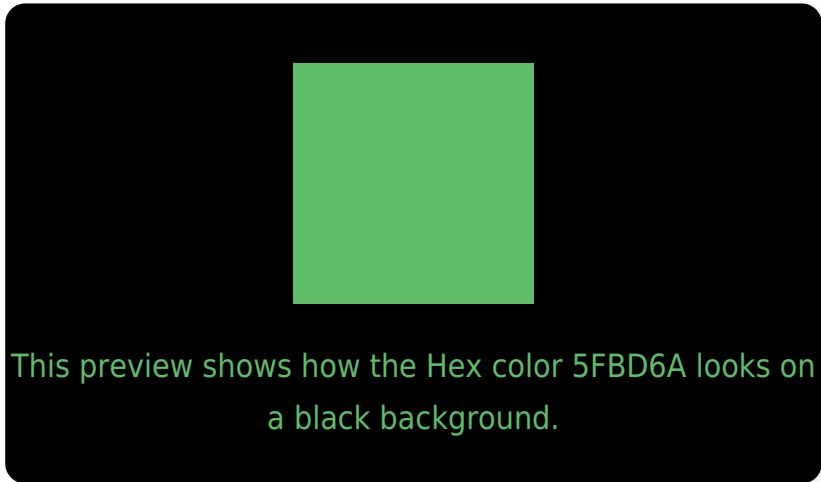
Large Text (above 18pt) WCAG AA × Fail

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

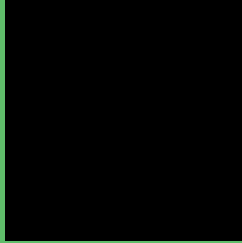
Any Text WCAG AA ✓ Pass

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 5FBD6A Background



This preview shows how black text looks on a background with the Hex color 5FBD6A.

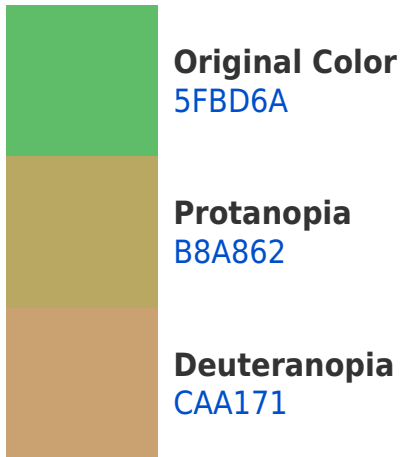


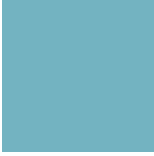
This preview shows how white text looks on a background with the Hex color 5FBD6A.

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](#).

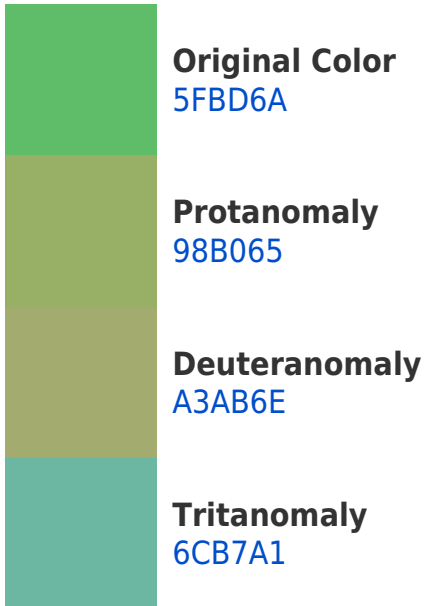
Dichromacy



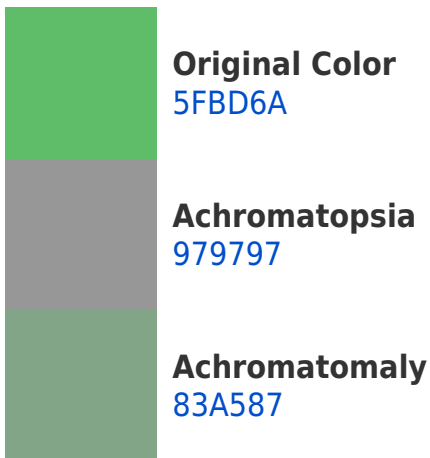


Tritanopia
73B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBD6A 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 #5FBD6A looks like.

```
.text, #text, p{  
    color:#5FBD6A  
}
```

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 #5FBD6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBD6A
}
```

Border

The CSS property to change the border of an element to Hex 5FBD6A 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
#5FBD6A }
```

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

```
.border{ border-color:#5FBD6A }
```

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

Here you see how a box with a 4 pixel #5FBD6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBD6A; -webkit-box-shadow:4px 4px  
4px 4px #5FBD6A; box-shadow:4px 4px 4px  
4px #5FBD6A }
```

Background

The CSS property to change the background color of an element to Hex 5FBD6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBD6A }
```

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

```
.background{ background-color:#5FBD6A }
```

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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