

Converting Colors

Hex(5BB485)

Have a look what the booklet for
Hex(5BB485) contains.

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Color

Hex(5BB485)

Conversions

Conversions Part 1

Format	Color
Hex	5BB485
RGB	91, 180, 133
RGB Percent	36%, 71%, 52%
CMY	0.6431, 0.2941, 0.4784
CMYK	0.49, 0.00, 0.26, 0.29
HSL	148°, 37%, 53%
HSV	148°, 49%, 71%
XYZ	24.8693, 36.5601, 27.9364
YIQ	148.0310, -37.9570, -33.4850

Conversions

Conversions Part 2

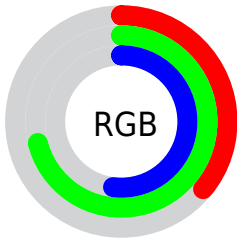
Format	Color
RYB	91, 151, 180
Decimal	6009989
CIELab	66.95, -37.72, 15.92
CIElCh	67, 40.948, 157.116
Yxy	36.5601, 0.2783, 0.4091
Android (android.graphics.Color)	4284200069 (0xFF5BB485)
YUV	148.0310, -7.4103, -50.0162
Hunter-Lab	60.4650, -32.3965, 14.9320

Details

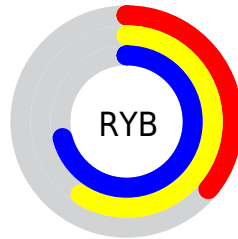
The Hex color **5BB485** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B45B8A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **92ECBA**, and **207E53** is the 20% darker color. If you saturate the color by 10%, you get **49B47B**, and if you desaturate by 10%, it is **6DB48F**.

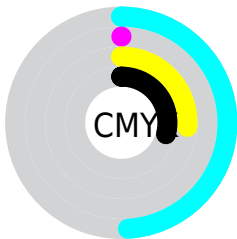
Distribution



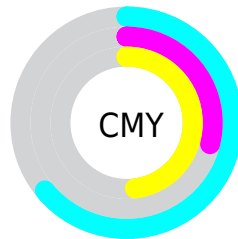
- Red (36%)
- Green (71%)
- Blue (52%)



- Red (36%)
- Yellow (59%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB485 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 5BB485 by changing the saturation by 10% instead.

 5BB485

 5BB485

FFFFFF

 3F996C

 92ECBA

 207E53

 AEFFD6

 00653C

 CBFFF2

 004C26

 E8FFFF

 003511

 002000

 000000

 5BB485

 5BB485

 49B47B

 6DB48F

 37B472

 7FB498

 25B468

 91B4A2

 13B45F

 A3B4AB

 01B455

 B5B4B5

 00B455

 C7B4BE

 D9B4C8

 EBB4D1

 FDB4DB

Harmonies

Analogous

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



8AAE67



5BB485



06B6AB

Triad

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



5BB485



79A4EC



E68B78

Complementary

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



5BB485



B45B8A

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.



E9859B



5BB485



B296DE

Square

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



5BB485



26AEE6



D88AC0



D2975F

Rectangle

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



5BB485



00B6C3



D88AC0



E98883

Sweetspot

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



5BB485



C7EBD8



8AB45B



60756A



F5F5F5



757575

Same Dimension

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



5BB485



60EBA2



5BB4B1



505955



009948



001A0C

Inverse Universe

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



B45B8A



EB60A9



B45B5E



595055



990051



1A000D

Previews

White Background



This preview shows how the Hex color 5BB485 looks on a white background.

Color Contrast Check

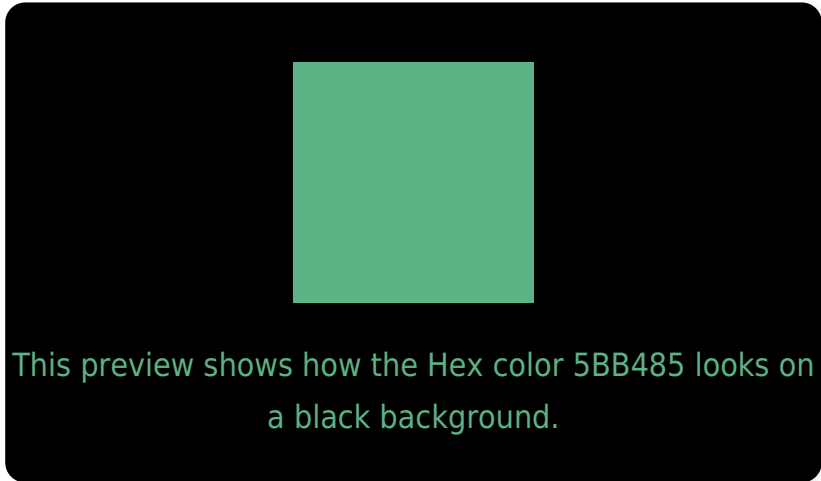
Large Text (above 18pt) WCAG AA × Fail

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

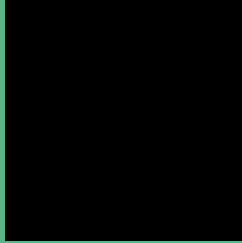
Any Text WCAG AA ✓ Pass

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 5BB485 Background



This preview shows how black text looks on a background with the Hex color 5BB485.

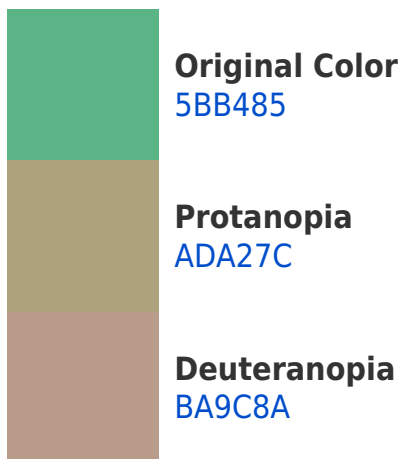


This preview shows how white text looks on a background with the Hex color 5BB485.

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](#).

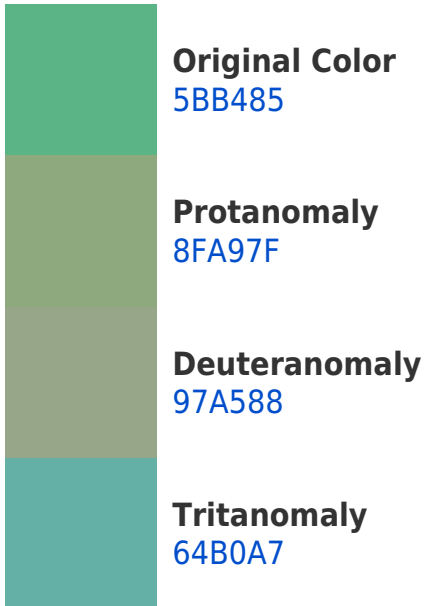
Dichromacy





Tritanopia
69ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB485 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 #5BB485 looks like.

```
.text, #text, p{  
    color:#5BB485  
}
```

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 #5BB485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB485
}
```

Border

The CSS property to change the border of an element to Hex 5BB485 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
#5BB485 }
```

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

```
.border{ border-color:#5BB485 }
```

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

Here you see how a box with a 4 pixel #5BB485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB485; -webkit-box-shadow:4px 4px  
4px 4px #5BB485; box-shadow:4px 4px 4px  
4px #5BB485 }
```

Background

The CSS property to change the background color of an element to Hex 5BB485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB485 }
```

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

```
.background{ background-color:#5BB485 }
```

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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