

Converting Colors

Hex(5CBB83)

Have a look what the booklet for
Hex(5CBB83) contains.

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Color

Hex(5CBB83)

Conversions

Conversions Part 1

Format	Color
Hex	5CBB83
RGB	92, 187, 131
RGB Percent	36%, 73%, 51%
CMY	0.6392, 0.2667, 0.4863
CMYK	0.51, 0.00, 0.30, 0.27
HSL	145°, 41%, 55%
HSV	145°, 51%, 73%
XYZ	26.2807, 39.4547, 27.7031
YIQ	152.2110, -38.6440, -37.5560

Conversions

Conversions Part 2

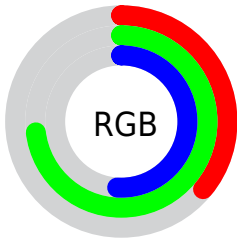
Format	Color
RYB	92, 159, 187
Decimal	6077315
CIELab	69.08, -40.98, 19.96
CIElCh	69, 45.583, 154.036
Yxy	39.4547, 0.2813, 0.4223
Android (android.graphics.Color)	4284267395 (0xFF5CBB83)
YUV	152.2110, -10.4570, -52.8050
Hunter-Lab	62.8129, -35.2389, 17.8197

Details

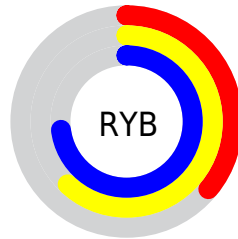
The Hex color **5CBB83** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB5C94**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **94F4B8**, and **1F8551** is the 20% darker color. If you saturate the color by 10%, you get **49BB78**, and if you desaturate by 10%, it is **6FBB8E**.

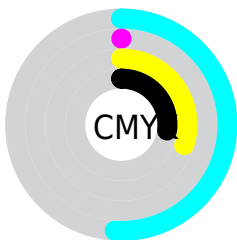
Distribution



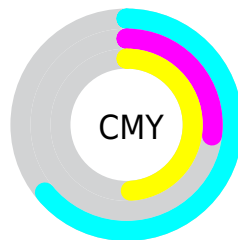
- Red (36%)
- Green (73%)
- Blue (51%)



- Red (36%)
- Yellow (62%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CBB83 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 5CBB83 by changing the saturation by 10% instead.

 5CBB83

 5CBB83

FFFFFF

 3FA06A

 94F4B8

 1F8551

 B0FFD4

 006B3A

 CDFFF0

 005224

 EAFFFF

 003A0E

 002600

 000000

 5CBB83

 5CBB83

 49BB78

 6FBB8E

 37BB6D

 81BB99

 24BB62

 94BBA4

 11BB57

 A7BBAF

 00BB4D

 BABBBA

 CCBBC5

 DFBBD0

 F2BBDB

 FFBBE6

Harmonies

Analogous

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



91B462



5CBB83



00BEAD

Triad

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



5CBB83



6FABFB



F48C7D

Complementary

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



5CBB83



BB5C94

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.



F687A5



5CBB83



B49CED

Square

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



5CBB83



00B6F2



E18DCE



DF995F

Rectangle

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



5CBB83



00BEC9



E18DCE



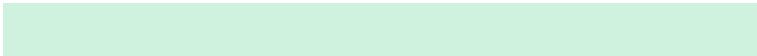
F78989

Sweetspot

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



5CBB83



CEF2DD



95BB5C



647A6D



FAFAFA



7A7A7A

Same Dimension

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



5CBB83



5EF29B



5CBBB2



555E59



009E41



001F0D

Inverse Universe

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



BB5C94



F25EB6



BB5C66



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 5CBB83 looks on a white background.

Color Contrast Check

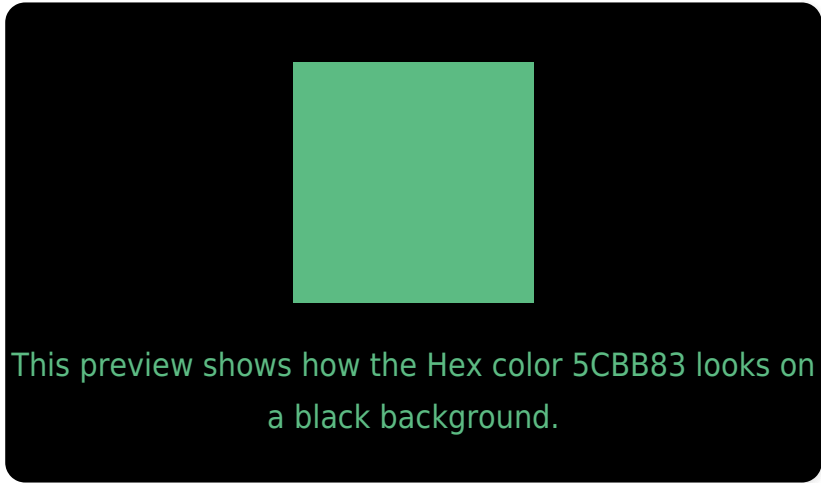
Large Text (above 18pt) WCAG AA × Fail

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

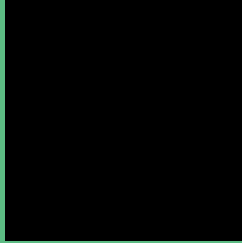
Any Text WCAG AA ✓ Pass

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 5CBB83 Background



This preview shows how black text looks on a background with the Hex color 5CBB83.

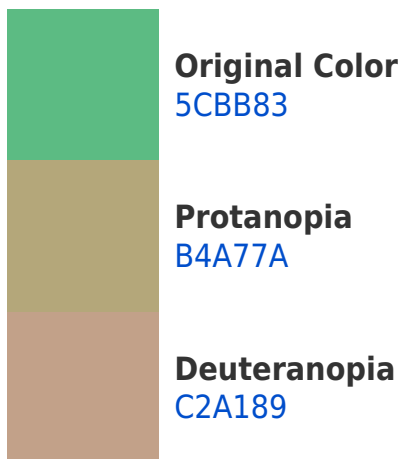


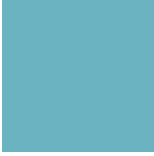
This preview shows how white text looks on a background with the Hex color 5CBB83.

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](#).

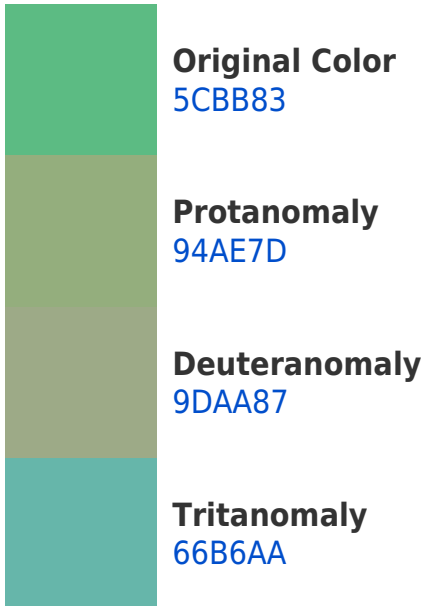
Dichromacy



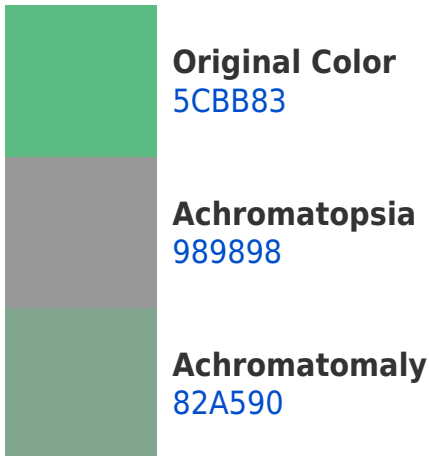


Tritanopia
6CB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CBB83 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 #5CBB83 looks like.

```
.text, #text, p{  
    color:#5CBB83  
}
```

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 #5CBB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CBB83
}
```

Border

The CSS property to change the border of an element to Hex 5CBB83 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
#5CBB83 }
```

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

```
.border{ border-color:#5CBB83 }
```

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

Here you see how a box with a 4 pixel #5CBB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CBB83; -webkit-box-shadow:4px 4px  
4px 4px #5CBB83; box-shadow:4px 4px 4px  
4px #5CBB83 }
```

Background

The CSS property to change the background color of an element to Hex 5CBB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CBB83 }
```

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

```
.background{ background-color:#5CBB83 }
```

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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