

Converting Colors

Hex(5CB687)

Have a look what the booklet for
Hex(5CB687) contains.

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Color

Hex(5CB687)

Conversions

Conversions Part 1

Format	Color
Hex	5CB687
RGB	92, 182, 135
RGB Percent	36%, 71%, 53%
CMY	0.6392, 0.2863, 0.4706
CMYK	0.49, 0.00, 0.26, 0.29
HSL	149°, 38%, 54%
HSV	149°, 49%, 71%
XYZ	25.5148, 37.4805, 28.8114
YIQ	149.7320, -38.5530, -33.6970

Conversions

Conversions Part 2

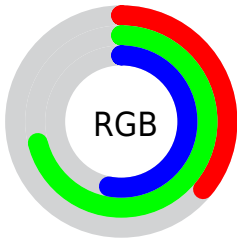
Format	Color
RYB	92, 153, 182
Decimal	6076039
CIELab	67.64, -37.96, 15.80
CIELCh	68, 41.114, 157.400
Yxy	37.4805, 0.2779, 0.4083
Android (android.graphics.Color)	4284266119 (0xFF5CB687)
YUV	149.7320, -7.2629, -50.6310
Hunter-Lab	61.2213, -32.7451, 14.9524

Details

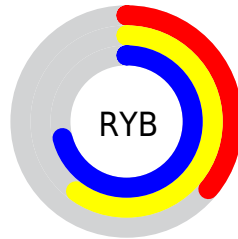
The Hex color **5CB687** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B65C8B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **93EEBC**, and **218055** is the 20% darker color. If you saturate the color by 10%, you get **4AB67D**, and if you desaturate by 10%, it is **6EB691**.

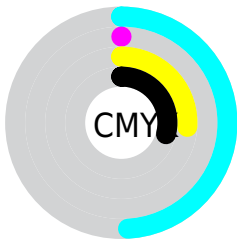
Distribution



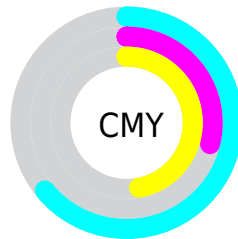
- Red (36%)
- Green (71%)
- Blue (53%)



- Red (36%)
- Yellow (60%)
- Blue (71%)



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



- Cyan (64%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB687 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 5CB687 by changing the saturation by 10% instead.

 5CB687

 5CB687

FFFFFF

 409B6E

 93EEBC

 218055

 B0FFD8

 00673E

 CCFFF5

 004E28

 E9FFFF

 003613

 002200

 000000

 5CB687

 5CB687

 4AB67D

 6EB691

 38B674

 80B69A

 25B66A

 93B6A4

 13B661

 A5B6AD

 01B657

 B7B6B7

 00B657

 C9B6C0

 DBB6CA

 EEB6D3

 FFB6DD

Harmonies

Analogous

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



8CB068



5CB687



08B8AD

Triad

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



5CB687



7CA5EE



E88D7A

Complementary

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



5CB687



B65C8B

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.



EB879D



5CB687



B598E0

Square

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



5CB687



2AB0E8



DA8BC2



D49961

Rectangle

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



5CB687



00B8C6



DA8BC2



EB8A85

Sweetspot

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



5CB687



CAEDDB



8CB65C



62786D



F7F7F7



787878

Same Dimension

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



5CB687



61EDA4



5CB6B3



535C57



009C4A



001C0D

Inverse Universe

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



B65C8B



ED61AA



B65C5F



5C5357



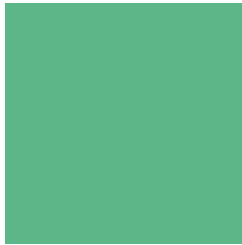
9C0051



1C000F

Previews

White Background



This preview shows how the Hex color 5CB687 looks on a white background.

Color Contrast Check

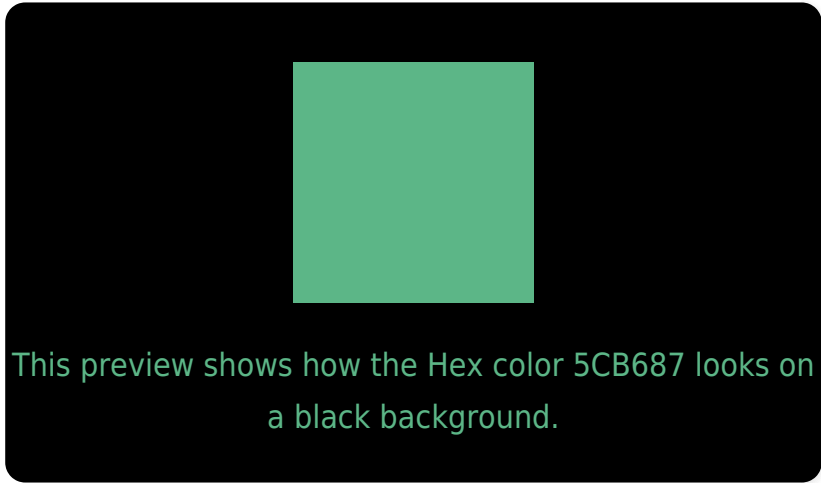
Large Text (above 18pt) WCAG AA × Fail

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 5CB687 Background



This preview shows how black text looks on a background with the Hex color 5CB687.

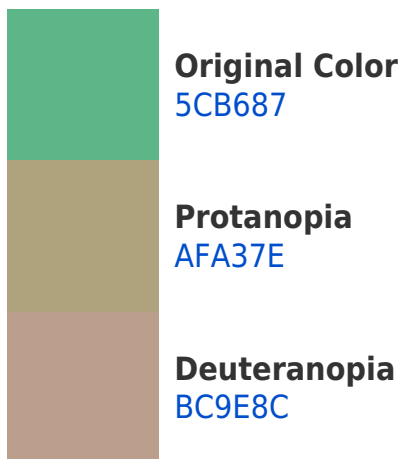


This preview shows how white text looks on a background with the Hex color 5CB687.

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](#).

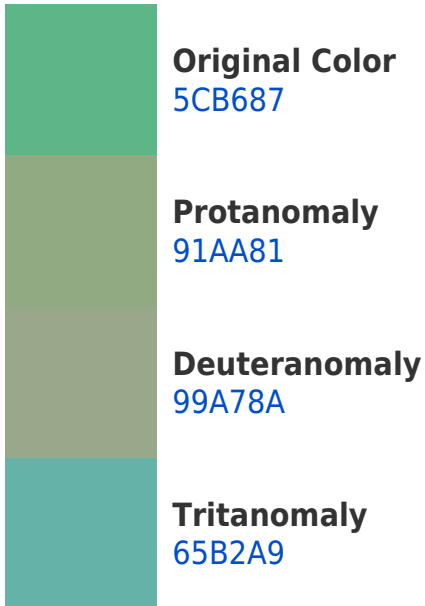
Dichromacy



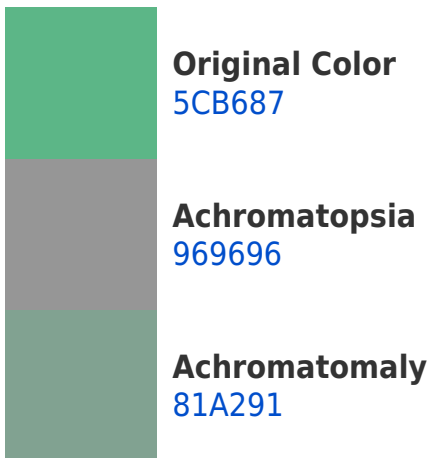


Tritanopia
6AAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB687 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 #5CB687 looks like.

```
.text, #text, p{  
    color:#5CB687  
}
```

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 #5CB687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB687
}
```

Border

The CSS property to change the border of an element to Hex 5CB687 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
#5CB687 }
```

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

```
.border{ border-color:#5CB687 }
```

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

Here you see how a box with a 4 pixel #5CB687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB687; -webkit-box-shadow:4px 4px  
4px 4px #5CB687; box-shadow:4px 4px 4px  
4px #5CB687 }
```

Background

The CSS property to change the background color of an element to Hex 5CB687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB687 }
```

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

```
.background{ background-color:#5CB687 }
```

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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