

Converting Colors

Hex(5CA783)

Have a look what the booklet for
Hex(5CA783) contains.

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Color

Hex(5CA783)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CA783 |
| RGB | 92, 167, 131 |
| RGB Percent | 36%, 65%, 51% |
| CMY | 0.6392, 0.3451, 0.4863 |
| CMYK | 0.45, 0.00, 0.22, 0.35 |
| HSL | 151°, 30%, 51% |
| HSV | 151°, 45%, 65% |
| XYZ | 22.3291, 31.5514, 26.3859 |
| YIQ | 140.4710, -33.1440, -27.0960 |

Conversions

Conversions Part 2

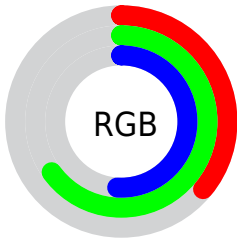
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 92, 141, 167 |
| Decimal | 6072195 |
| CIELab | 62.97, -31.87, 11.47 |
| CIElCh | 63, 33.871, 160.215 |
| Yxy | 31.5514, 0.2782, 0.3931 |
| Android (android.graphics.Color) | 4284262275 (0xFF5CA783) |
| YUV | 140.4710, -4.6692, -42.5091 |
| Hunter-Lab | 56.1707, -27.3410, 11.4683 |

Details

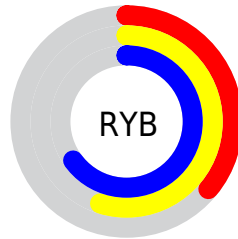
The Hex color **5CA783** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A75C80**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **92DFB8**, and **267252** is the 20% darker color. If you saturate the color by 10%, you get **4BA77B**, and if you desaturate by 10%, it is **6DA78B**.

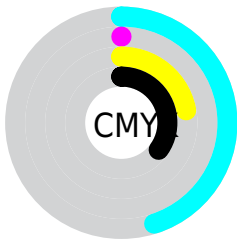
Distribution



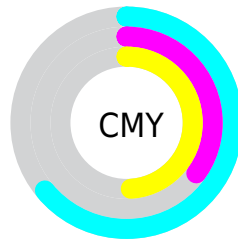
- Red (36%)
- Green (65%)
- Blue (51%)



- Red (36%)
- Yellow (55%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA783 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 5CA783 by changing the saturation by 10% instead.

 5CA783

 5CA783

FFFFFF

 418C6A

 92DFB8

 267252

 AEFBD4

 00593A

 CAFFF0

 004125

 E7FFFF

 002B10

 001200

 000000

 5CA783

 5CA783

 4BA77B

 6DA78B

 3BA773

 7DA793

 2AA76B

 8EA79B

 19A763

 9FA7A3

 09A75B

 B0A7AB

 00A757

 C0A7B3

 D1A7BB

 E2A7C3

 F2A7CB

Harmonies

Analogous

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



81A269



5CA783



33A9A2

Triad

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



5CA783



7E98D3



CF8673

Complementary

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



5CA783



A75C80

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.



D3818F



5CA783



A98DC6

Square

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



5CA783



4BA1D0



C684AD



BD9060

Rectangle

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



5CA783



1EA8B6



C684AD



D2847C

Sweetspot

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



5CA783



BDD9CB



80A75C



5C6E65



EDEDED



6E6E6E

Same Dimension

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



5CA783



64D9A1



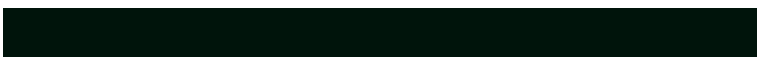
5CA6A7



4C5450



00944D



00140B

Inverse Universe

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



A75C80



D9649C



A75D5C



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 5CA783 looks on a white background.

Color Contrast Check

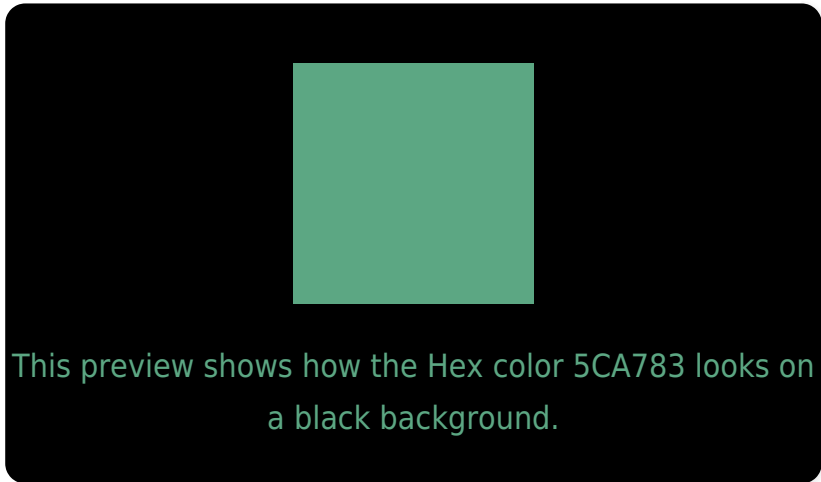
Large Text (above 18pt) WCAG AA × Fail

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

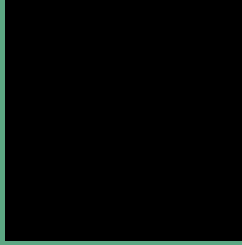
Any Text WCAG AA ✓ Pass

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 5CA783 Background



This preview shows how black text looks on a background with the Hex color 5CA783.

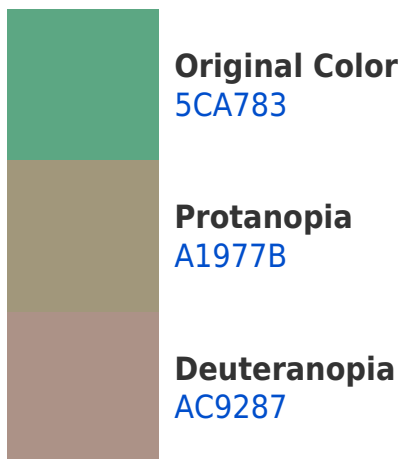


This preview shows how white text looks on a background with the Hex color 5CA783.

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](#).

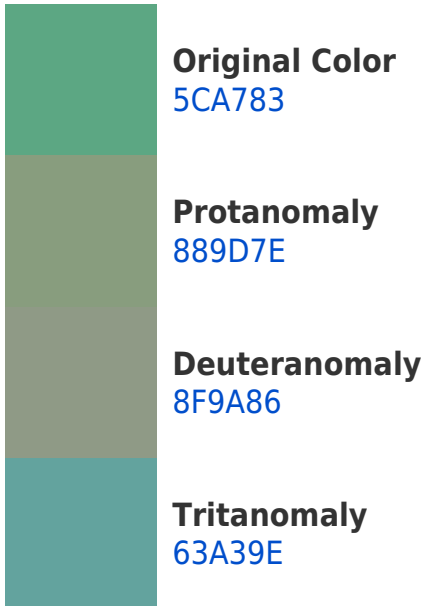
Dichromacy



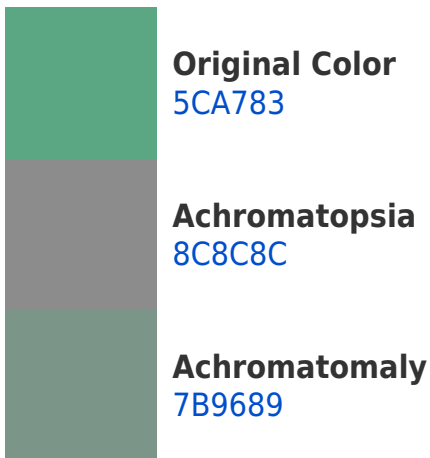


Tritanopia
67A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA783 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 #5CA783 looks like.

```
.text, #text, p{  
    color:#5CA783  
}
```

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 #5CA783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA783
}
```

Border

The CSS property to change the border of an element to Hex 5CA783 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
#5CA783 }
```

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

```
.border{ border-color:#5CA783 }
```

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

Here you see how a box with a 4 pixel #5CA783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA783; -webkit-box-shadow:4px 4px  
4px 4px #5CA783; box-shadow:4px 4px 4px  
4px #5CA783 }
```

Background

The CSS property to change the background color of an element to Hex 5CA783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA783 }
```

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

```
.background{ background-color:#5CA783 }
```

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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