

Converting Colors

Hex(53C780)

Have a look what the booklet for
Hex(53C780) contains.

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Color

Hex(53C780)

Conversions

Conversions Part 1

Format	Color
Hex	53C780
RGB	83, 199, 128
RGB Percent	33%, 78%, 50%
CMY	0.6745, 0.2196, 0.4980
CMYK	0.58, 0.00, 0.36, 0.22
HSL	143°, 51%, 55%
HSV	143°, 58%, 78%
XYZ	27.8870, 44.2444, 27.4923
YIQ	156.2220, -46.3450, -46.6730

Conversions

Conversions Part 2

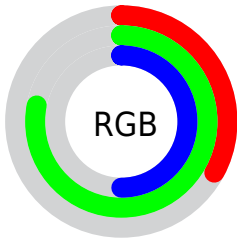
Format	Color
RYB	83, 167, 199
Decimal	5490560
CIELab	72.39, -48.75, 25.99
CIELCh	72, 55.248, 151.939
Yxy	44.2444, 0.2799, 0.4441
Android (android.graphics.Color)	4283680640 (0xFF53C780)
YUV	156.2220, -13.9134, -64.2157
Hunter-Lab	66.5164, -41.5677, 22.0560

Details

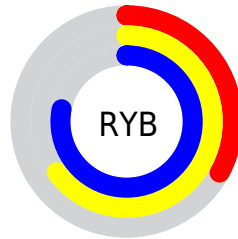
The Hex color **53C780** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C7539A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8EFFB5**, and **00904E** is the 20% darker color. If you saturate the color by 10%, you get **3FC774**, and if you desaturate by 10%, it is **67C78C**.

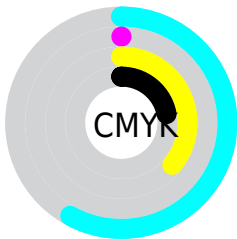
Distribution



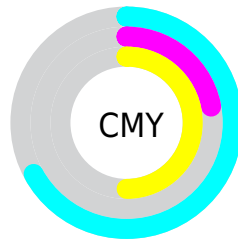
- Red (33%)
- Green (78%)
- Blue (50%)



- Red (33%)
- Yellow (65%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C780 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 53C780 by changing the saturation by 10% instead.

 53C780

 53C780

FFFFFF

 33AB67

 8EFFB5

 00904E

 ABFFD1

 007636

 C8FFED

 005C20

 E5FFFF

 004309

 002D00

 000F00

 000000

 53C780

 53C780

 3FC774

 67C78C

 2BC768

 7BC798

 17C75B

 8FC7A5

 03C74F

 A3C7B1

 00C74D

 B7C7BD

 CAC7C9

 DEC7D5

 F2C7E1

 FFC7EE

Harmonies

Analogous

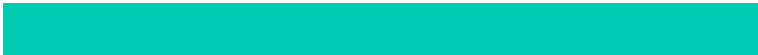
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BE58



53C780



00CBB3

Triad

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



53C780



57B6FF



FF8C7F

Complementary

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



53C780



C7539A

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.



FF86B0



53C780



B9A3FF

Square

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



53C780



00C3FF



F290E2



F49E58

Rectangle

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



53C780



00CBD6



F290E2



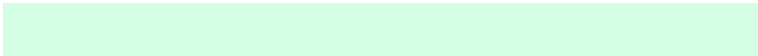
FF888F

Sweetspot

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



53C780



D4FFE4



9BC753



668070



000000



808080

Same Dimension

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



53C780



4DFF92



53C7B9



5A635D



00A33F



00240E

Inverse Universe

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



C7539A



FF4DBA



C75361



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color 53C780 looks on a white background.

Color Contrast Check

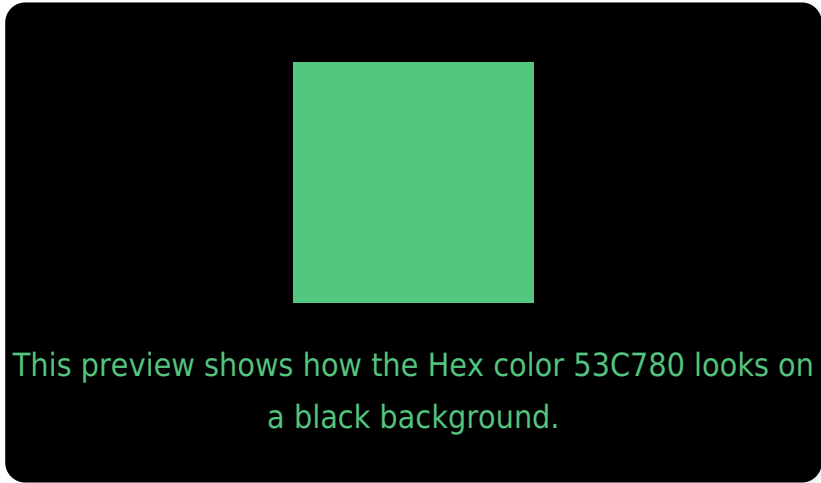
Large Text (above 18pt) WCAG AA × Fail

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 53C780 Background



This preview shows how black text looks on a background with the Hex color 53C780.

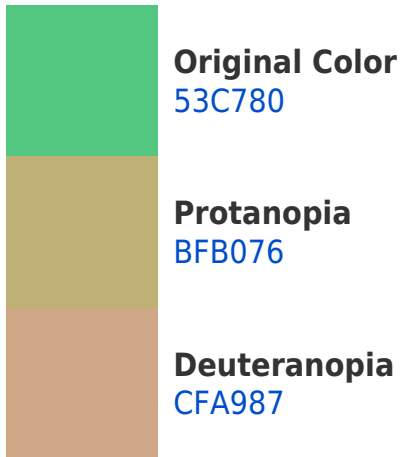


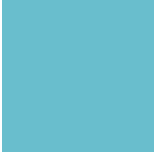
This preview shows how white text looks on a background with the Hex color 53C780.

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
69BECD

Trichromacy



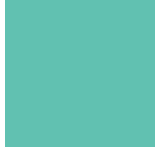
Original Color
53C780



Protanomaly
98B87A



Deuteranomaly
A2B484



Tritanomaly
61C1B1

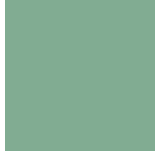
Monochromacy



Original Color
53C780



Achromatopsia
9C9C9C



Achromatomaly
81AC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C780 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 #53C780 looks like.

```
.text, #text, p{  
    color:#53C780  
}
```

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 #53C780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C780
}
```

Border

The CSS property to change the border of an element to Hex 53C780 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
#53C780 }
```

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

```
.border{ border-color:#53C780 }
```

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

Here you see how a box with a 4 pixel #53C780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C780; -webkit-box-shadow:4px 4px  
4px 4px #53C780; box-shadow:4px 4px 4px  
4px #53C780 }
```

Background

The CSS property to change the background color of an element to Hex 53C780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C780 }
```

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

```
.background{ background-color:#53C780 }
```

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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