

# Converting Colors

Hex(53C193)

Have a look what the booklet for  
Hex(53C193) contains.

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**Color**

**Hex(53C193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C193
RGB	83, 193, 147
RGB Percent	33%, 76%, 58%
CMY	0.6745, 0.2431, 0.4235
CMYK	0.57, 0.00, 0.24, 0.24
HSL	155°, 47%, 54%
HSV	155°, 57%, 76%
XYZ	27.9037, 42.0855, 34.2564
YIQ	154.8660, -50.7940, -37.6260

# Conversions

## Conversions Part 2

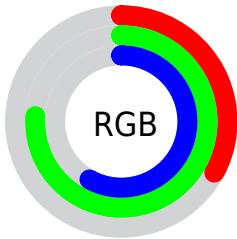
Format	Color
<a href="#">RYB</a>	<a href="#">83, 153, 193</a>
Decimal	<a href="#">5489043</a>
CIELab	<a href="#">70.93, -42.39, 13.85</a>
CIELCh	<a href="#">71, 44.593, 161.902</a>
Yxy	<a href="#">42.0855, 0.2677, 0.4037</a>
Android (android.graphics.Color)	<a href="#">4283679123 (0xFF53C193)</a>
YUV	<a href="#">154.8660, -3.8779, -63.0265</a>
Hunter-Lab	<a href="#">64.8733, -36.7509, 14.1032</a>

# Details

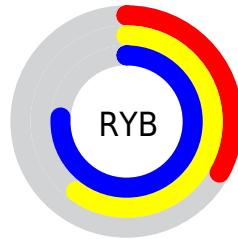
The Hex color **53C193** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15381**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8DFAC9**, and **038B60** is the 20% darker color. If you saturate the color by 10%, you get **40C18B**, and if you desaturate by 10%, it is **66C19B**.

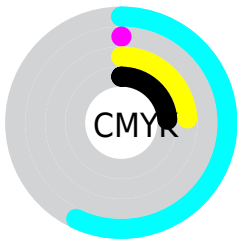
# Distribution



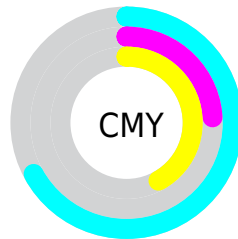
- Red (33%)
- Green (76%)
- Blue (58%)



- Red (33%)
- Yellow (60%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53C193 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 53C193 by changing the saturation by 10% instead.



 53C193

 53C193

FFFFFF

 34A579

 8DFAC9

 038B60

 AAFFE5

 007048

 C7FFFF

 005732

 E4FFFF

 003F1C

 002904

 000600

 000000

 53C193

 53C193

 40C18B

 66C19B

 2CC183

 7AC1A3

 19C17B

 8DC1AB

 06C173

 A0C1B3

 00C170

 B3C1BB

 C7C1C3

 DAC1CB

 EDC1D4

 FFC1DC

# Harmonies

## Analogous

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



8BBB6F



53C193



00C3BD

# Triad

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



53C193



8AACFD



F49579

# Complementary

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



53C193



C15381

# 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.



FB8D9F



53C193



C69DEA

# Square

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



53C193



2FB9FA



ED90C8



DCA360

# Rectangle

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



53C193



00C2D7



ED90C8



F99185

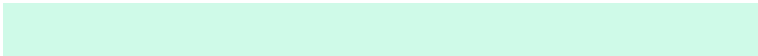


# Sweetspot

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



53C193



CFFAE8



83C153



647D72



FCFCFC



7D7D7D



# Same Dimension

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



53C193



50FAB3



53BAC1



57615D



00A15D



002113



# Inverse Universe

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



C15381



FA5097



C15A53



61575B



A10043

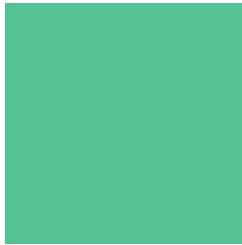


21000E



# Previews

## White Background



This preview shows how the Hex color 53C193 looks on a white background.

## Color Contrast Check

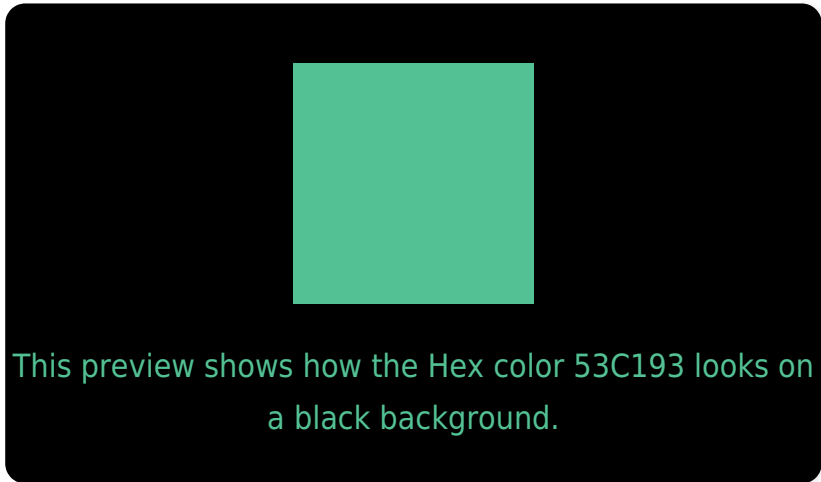
Large Text (above 18pt) WCAG AA × Fail

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

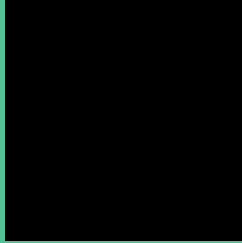
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53C193 Background



This preview shows how black text looks on a background with the Hex color 53C193.

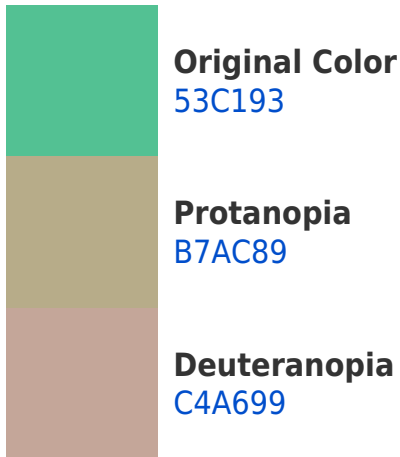


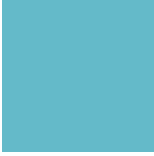
This preview shows how white text looks on a background with the Hex color 53C193.

# 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**  
64BAC9

# Trichromacy



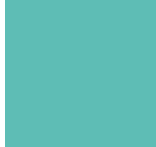
**Original Color**  
53C193



**Protanomaly**  
93B48D



**Deuteranomaly**  
9BB097



**Tritanomaly**  
5EBDB5

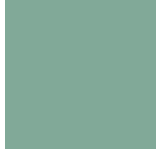
# Monochromacy



**Original Color**  
53C193



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
81A998

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53C193 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 #53C193 looks like.

```
.text, #text, p{  
    color:#53C193  
}
```

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 #53C193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C193
}
```

## Border

The CSS property to change the border of an element to Hex 53C193 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
#53C193 }
```

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

```
.border{ border-color:#53C193 }
```

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

Here you see how a box with a 4 pixel #53C193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C193; -webkit-box-shadow:4px 4px  
4px 4px #53C193; box-shadow:4px 4px 4px  
4px #53C193 }
```

# Background

The CSS property to change the background color of an element to Hex 53C193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C193 }
```

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

```
.background{ background-color:#53C193 }
```

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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