

Converting Colors

Hex(53C190)

Have a look what the booklet for
Hex(53C190) contains.

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Color

Hex(53C190)

Conversions

Conversions Part 1

Format	Color
Hex	53C190
RGB	83, 193, 144
RGB Percent	33%, 76%, 56%
CMY	0.6745, 0.2431, 0.4353
CMYK	0.57, 0.00, 0.25, 0.24
HSL	153°, 47%, 54%
HSV	153°, 57%, 76%
XYZ	27.6713, 41.9925, 33.0325
YIQ	154.5240, -49.8310, -38.5590

Conversions

Conversions Part 2

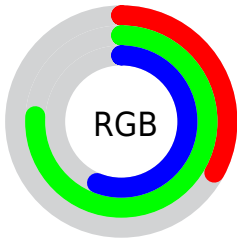
Format	Color
RYB	83, 154, 193
Decimal	5489040
CIELab	70.87, -43.04, 15.38
CIELCh	71, 45.702, 160.332
Yxy	41.9925, 0.2694, 0.4089
Android (android.graphics.Color)	4283679120 (0xFF53C190)
YUV	154.5240, -5.1883, -62.7265
Hunter-Lab	64.8017, -37.1807, 15.1382

Details

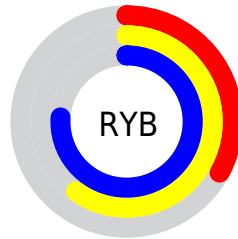
The Hex color **53C190** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15384**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8DFAC6**, and **048B5D** is the 20% darker color. If you saturate the color by 10%, you get **40C187**, and if you desaturate by 10%, it is **66C199**.

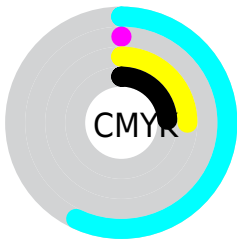
Distribution



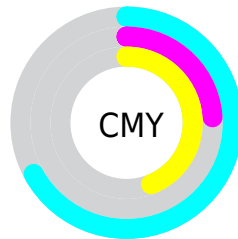
- Red (33%)
- Green (76%)
- Blue (56%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C190 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 53C190 by changing the saturation by 10% instead.



53C190



53C190

FFFFFF



34A576



8DFAC6



048B5D



AAFFE2



007046



C7FFFF



00572F



E4FFFF



003F1A



002900



000600



000000



53C190



53C190

 40C187

 66C199

 2CC17F

 7AC1A1

 19C176

 8DC1AA

 06C16E

 A0C1B2

 00C16B

 B3C1BB

 C7C1C4

 DAC1CC

 EDC1D5

 FFC1DD

Harmonies

Analogous

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



8CBB6C



53C190



00C3BB

Triad

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



53C190



85ADFF



F6937A

Complementary

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



53C190



C15384

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.



FD8CA0



53C190



C49DED

Square

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



53C190



17B9FB



EC90CA



DEA15F

Rectangle

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



53C190



00C2D6



EC90CA



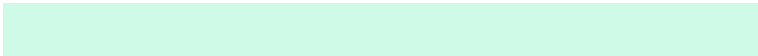
FB9086

Sweetspot

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



53C190



CFFAE7



84C153



647D72



FCFCFC



7D7D7D

Same Dimension

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



53C190



50FAAE



53BCC1



57615D



00A159



002112

Inverse Universe

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



C15384



FA509C



C15953



61575C



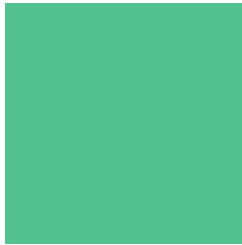
A10048



21000F

Previews

White Background



This preview shows how the Hex color 53C190 looks on a white background.

Color Contrast Check

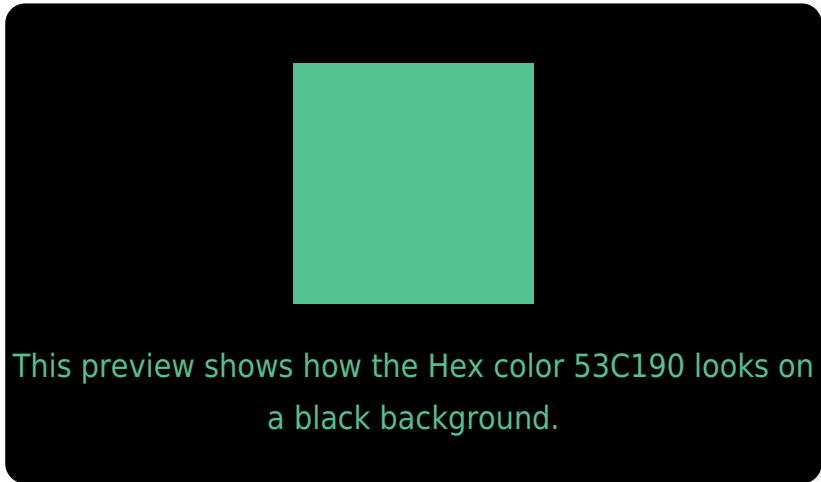
Large Text (above 18pt) WCAG AA × Fail

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

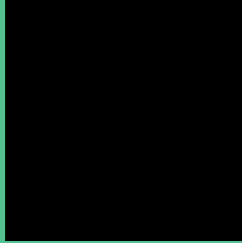
Any Text WCAG AA ✓ Pass

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 53C190 Background



This preview shows how black text looks on a background with the Hex color 53C190.

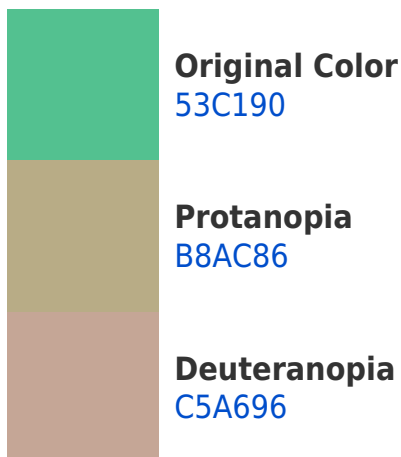


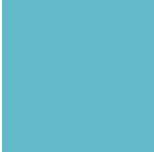
This preview shows how white text looks on a background with the Hex color 53C190.

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
65BAC9

Trichromacy



Original Color
53C190



Protanomaly
93B48A



Deuteranomaly
9CB094



Tritanomaly
5EBDB4

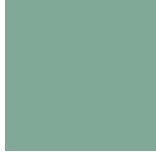
Monochromacy



Original Color
53C190



Achromatopsia
9B9B9B



Achromatomaly
81A997

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C190 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 #53C190 looks like.

```
.text, #text, p{  
    color:#53C190  
}
```

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 #53C190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C190
}
```

Border

The CSS property to change the border of an element to Hex 53C190 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
#53C190 }
```

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

```
.border{ border-color:#53C190 }
```

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

Here you see how a box with a 4 pixel #53C190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C190; -webkit-box-shadow:4px 4px  
4px 4px #53C190; box-shadow:4px 4px 4px  
4px #53C190 }
```

Background

The CSS property to change the background color of an element to Hex 53C190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C190 }
```

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

```
.background{ background-color:#53C190 }
```

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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