

Converting Colors

Hex(51C192)

Have a look what the booklet for
Hex(51C192) contains.

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Color

Hex(51C192)

Conversions

Conversions Part 1

Format	Color
Hex	51C192
RGB	81, 193, 146
RGB Percent	32%, 76%, 57%
CMY	0.6824, 0.2431, 0.4275
CMYK	0.58, 0.00, 0.24, 0.24
HSL	155°, 47%, 54%
HSV	155°, 58%, 76%
XYZ	27.6516, 41.9646, 33.8367
YIQ	154.1540, -51.6650, -38.3610

Conversions

Conversions Part 2

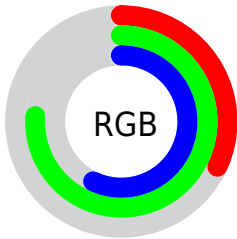
Format	Color
RYB	81, 152, 193
Decimal	5357970
CIELab	70.85, -43.03, 14.27
CIELCh	71, 45.335, 161.658
Yxy	41.9646, 0.2673, 0.4056
Android (android.graphics.Color)	4283548050 (0xFF51C192)
YUV	154.1540, -4.0199, -64.1561
Hunter-Lab	64.7801, -37.1718, 14.3770

Details

The Hex color **51C192** 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 **C15180**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8BFAC8**, and **008B5F** is the 20% darker color. If you saturate the color by 10%, you get **3EC18A**, and if you desaturate by 10%, it is **64C19A**.

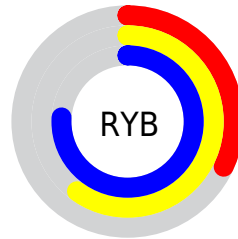
Distribution



Red (32%)

Green (76%)

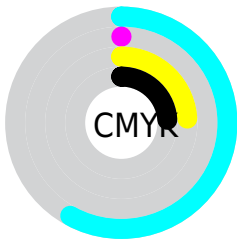
Blue (57%)



Red (32%)

Yellow (60%)

Blue (76%)

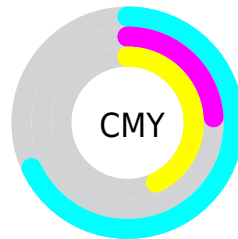


Cyan (58%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (68%)

Magenta (24%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C192 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 51C192 by changing the saturation by 10% instead.

 51C192

 51C192

FFFFFF

 31A578

 8BFAC8

 008B5F

 A8FFE4

 007048

 C5FFFF

 005731

 E3FFFF

 003F1C

 002903

 000600

 000000

 51C192

 51C192

 3EC18A

 64C19A

 2AC182

 78C1A2

 17C17A

 8BC1AA

 04C172

 9EC1B2

 00C170

 B2C1BA

 C5C1C3

 D8C1CB

 EBC1D3

 FFC1DB

Harmonies

Analogous

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



8ABB6E



51C192



00C3BD

Triad

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



51C192



89ACFE



F59478

Complementary

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



51C192



C15180

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.



FC8C9F



51C192



C69CEB

Square

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



51C192



26B9FB



ED8FC8



DCA25F

Rectangle

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



51C192



00C2D7



ED8FC8



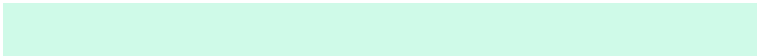
FA9084

Sweetspot

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



51C192



CFFAE8



82C151



647D72



FCFCFC



7D7D7D

Same Dimension

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



51C192



4BFAB0



51BAC1



57615D



00A15D



002113

Inverse Universe

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



C15180



FA4B94



C15851



61575B



A10043



21000E

Previews

White Background



This preview shows how the Hex color 51C192 looks on a white background.

Color Contrast Check

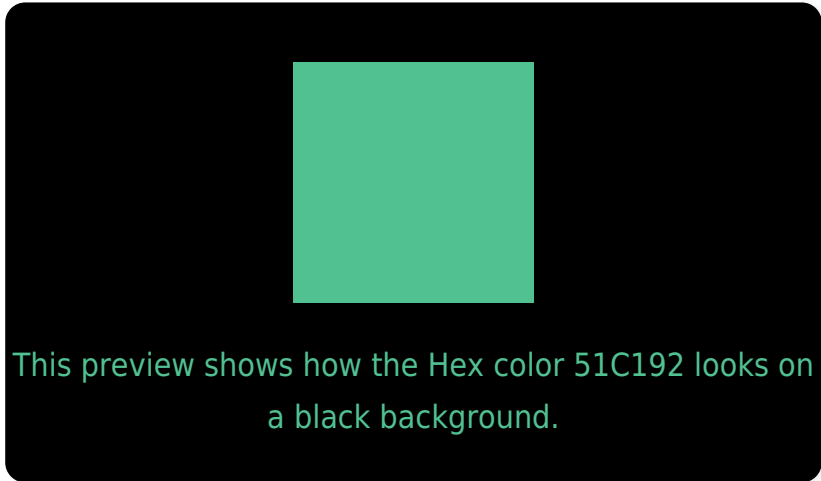
Large Text (above 18pt) WCAG AA × Fail

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

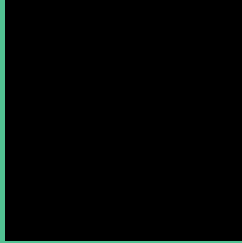
Any Text WCAG AA ✓ Pass

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 51C192 Background



This preview shows how black text looks on a background with the Hex color 51C192.

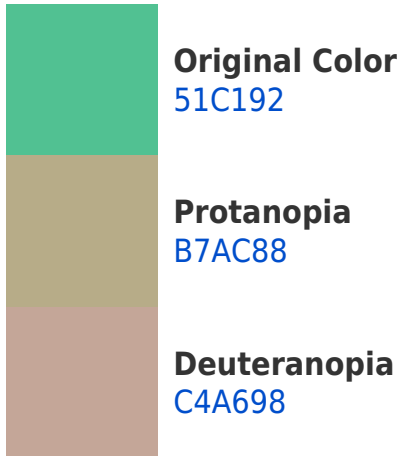


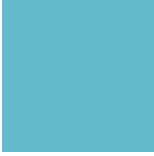
This preview shows how white text looks on a background with the Hex color 51C192.

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
63BAC9

Trichromacy



Original Color
51C192



Protanomaly
92B48C



Deuteranomaly
9AB096



Tritanomaly
5CBDB5

Monochromacy



Original Color
51C192



Achromatopsia
9A9A9A



Achromatomaly
7FA897

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C192 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 #51C192 looks like.

```
.text, #text, p{  
    color:#51C192  
}
```

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 #51C192 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C192
}
```

Border

The CSS property to change the border of an element to Hex 51C192 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
#51C192 }
```

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

```
.border{ border-color:#51C192 }
```

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

Here you see how a box with a 4 pixel #51C192 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C192; -webkit-box-shadow:4px 4px  
4px 4px #51C192; box-shadow:4px 4px 4px  
4px #51C192 }
```

Background

The CSS property to change the background color of an element to Hex 51C192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C192 }
```

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

```
.background{ background-color:#51C192 }
```

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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