

Converting Colors

Hex(51C2A9)

Have a look what the booklet for
Hex(51C2A9) contains.

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Color

Hex(51C2A9)

Conversions

Conversions Part 1

Format	Color
Hex	51C2A9
RGB	81, 194, 169
RGB Percent	32%, 76%, 66%
CMY	0.6824, 0.2392, 0.3373
CMYK	0.58, 0.00, 0.13, 0.24
HSL	167°, 48%, 54%
HSV	167°, 58%, 76%
XYZ	29.8466, 43.1975, 44.3010
YIQ	157.3630, -59.3230, -31.7310

Conversions

Conversions Part 2

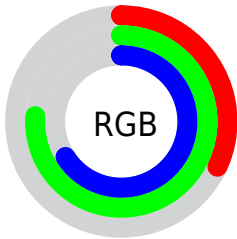
Format	Color
R_{YB}	81, 145, 194
Decimal	5358249
CIE _{Lab}	71.69, -38.12, 2.99
CIE _{LCh}	72, 38.235, 175.518
Yxy	43.1975, 0.2543, 0.3681
Android (android.graphics.Color)	4283548329 (0xFF51C2A9)
YUV	157.3630, 5.7370, -66.9704
Hunter-Lab	65.7248, -33.9590, 6.0437

Details

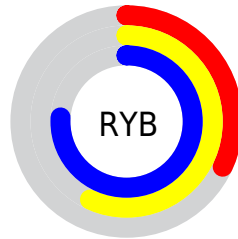
The Hex color **51C2A9** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C2516A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8CFBE0**, and **008C75** is the 20% darker color. If you saturate the color by 10%, you get **3EC2A5**, and if you desaturate by 10%, it is **64C2AD**.

Distribution



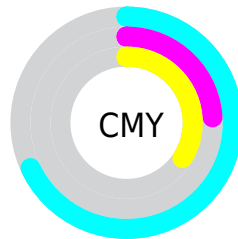
- Red (32%)
- Green (76%)
- Blue (66%)



- Red (32%)
- Yellow (57%)
- Blue (76%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)




- Cyan (68%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C2A9 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 51C2A9 by changing the saturation by 10% instead.

 51C2A9

 51C2A9

FFFFFF

 30A68F

 8CFBE0

 008C75

 A9FFFD

 00725C

 C6FFFF

 005845

 E4FFFF

 00402F

 002A1A

 000B00

 000000

 51C2A9

 51C2A9

 3EC2A5

 64C2AD

 2AC2A0

 78C2B2

 17C29C

 8BC2B6

 03C298

 9FC2BA

 00C297

 B2C2BE

 C5C2C3

 D9C2C7

 ECC2CB

 FFC2D0

Harmonies

Analogous

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



7FBE87



51C2A9



20C2CC

Triad

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



51C2A9



ACA9EE



E6A077

Complementary

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



51C2A9



C2516A

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.



F39693



51C2A9



D79CD8

Square

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



51C2A9



74B5F5



EF95B6



CBAC6A

Rectangle

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



51C2A9



24BFE0



EF95B6



EC9C7F

Sweetspot

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



51C2A9



D2FCF3



6BC251



66807A



000000



808080

Same Dimension

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



51C2A9



4CFCD5



51A4C2



57615F



00A17D



00211A

Inverse Universe

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



C2516A



FC4C73



C26F51



615759



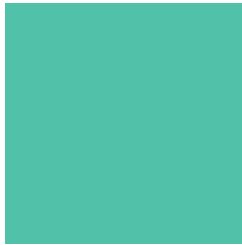
A10024



210007

Previews

White Background



This preview shows how the Hex color 51C2A9 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



This preview shows how the Hex color 51C2A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

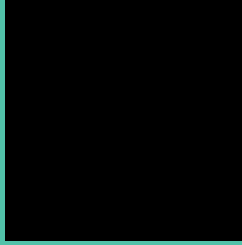
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

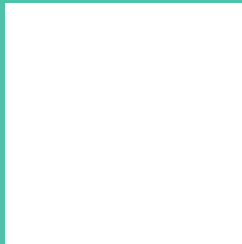
Any Text WCAG AAA ✓ Pass

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

Hex 51C2A9 Background



This preview shows how black text looks on a background with the Hex color 51C2A9.

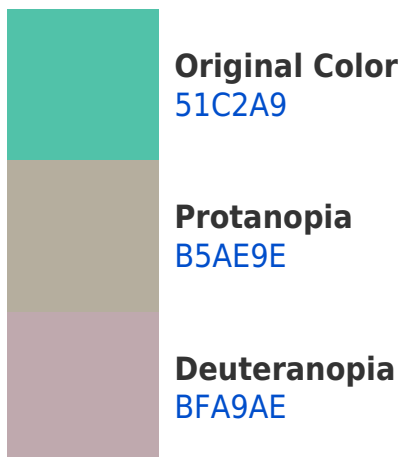


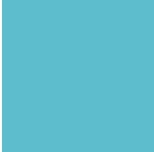
This preview shows how white text looks on a background with the Hex color 51C2A9.

Color Blindness Simulation

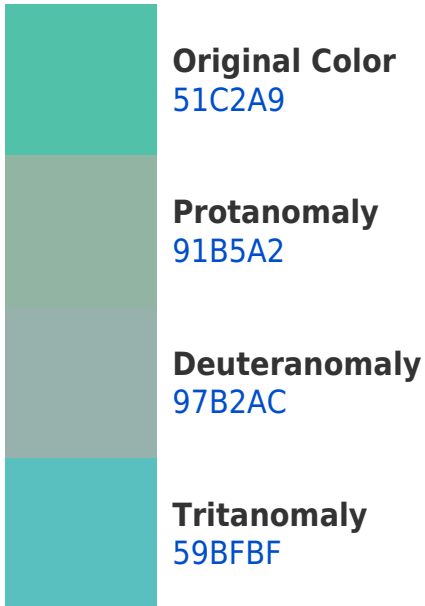
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

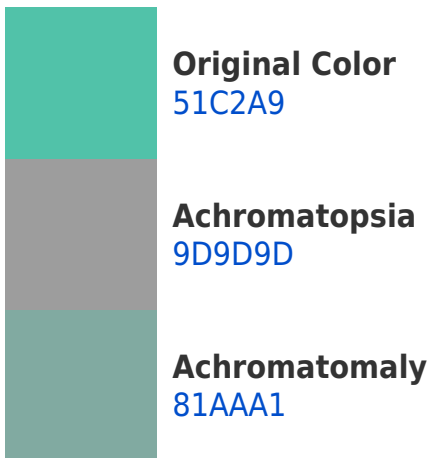




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C2A9 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 #51C2A9 looks like.

```
.text, #text, p{  
    color:#51C2A9  
}
```

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 #51C2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C2A9
}
```

Border

The CSS property to change the border of an element to Hex 51C2A9 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
#51C2A9 }
```

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

```
.border{ border-color:#51C2A9 }
```

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

Here you see how a box with a 4 pixel #51C2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C2A9; -webkit-box-shadow:4px 4px  
4px 4px #51C2A9; box-shadow:4px 4px 4px  
4px #51C2A9 }
```

Background

The CSS property to change the background color of an element to Hex 51C2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C2A9 }
```

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

```
.background{ background-color:#51C2A9 }
```

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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