

Converting Colors

Hex(53CA94)

Have a look what the booklet for
Hex(53CA94) contains.

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Color

Hex(53CA94)

Conversions

Conversions Part 1

Format	Color
Hex	53CA94
RGB	83, 202, 148
RGB Percent	33%, 79%, 58%
CMY	0.6745, 0.2078, 0.4196
CMYK	0.59, 0.00, 0.27, 0.21
HSL	153°, 53%, 56%
HSV	153°, 59%, 79%
XYZ	30.0331, 46.2182, 35.3551
YIQ	160.2630, -53.5900, -42.0220

Conversions

Conversions Part 2

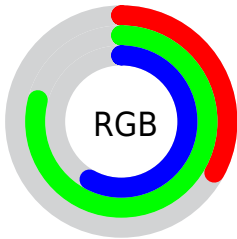
Format	Color
RYB	83, 160, 202
Decimal	5491348
CIELab	73.69, -46.02, 17.17
CIELCh	74, 49.121, 159.544
Yxy	46.2182, 0.2691, 0.4141
Android (android.graphics.Color)	4283681428 (0xFF53CA94)
YUV	160.2630, -6.0457, -67.7597
Hunter-Lab	67.9840, -40.1164, 16.7550

Details

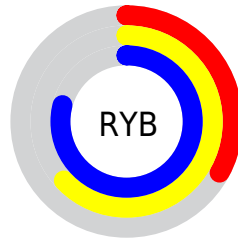
The Hex color **53CA94** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA5389**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EFFCA**, and **009361** is the 20% darker color. If you saturate the color by 10%, you get **3FCA8B**, and if you desaturate by 10%, it is **67CA9D**.

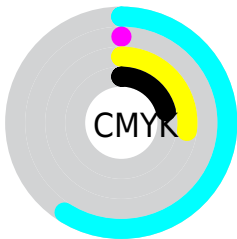
Distribution



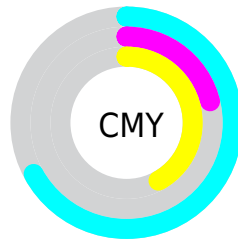
- Red (33%)
- Green (79%)
- Blue (58%)



- Red (33%)
- Yellow (63%)
- Blue (79%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CA94 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 53CA94 by changing the saturation by 10% instead.

 53CA94

 53CA94

FFFFFF

 32AE7A

 8EFFCA

 009361

 ABFFE6

 007949

 C9FFFF

 005F32

 E6FFFF

 00461D

 002F05

 001500

 000000

 53CA94

 53CA94

 3FCA8B

 67CA9D

 2BCA82

 7BCAA6

 16CA79

 90CAAF

 02CA6F

 A4CAB9

 00CA6E

 B8CAC2

 CCCACB

 E0CAD4

 F5CADD

 FFCAE6

Harmonies

Analogous

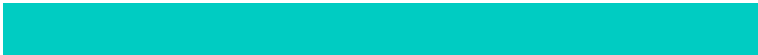
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92C36D



53CA94



00CCC2

Triad

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



53CA94



86B5FF



FF987E

Complementary

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



53CA94



CA5389

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.



FF90A8



53CA94



CCA4FB

Square

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



53CA94



00C2FF



F895D6



EAA860

Rectangle

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



53CA94



00CBE0



F895D6



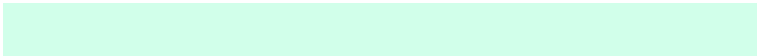
FF948B

Sweetspot

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



53CA94



D1FFEA



8BCA53



638073



000000



808080

Same Dimension

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



53CA94



4AFFAD



53C6CA



5C6661



00A65B



002615

Inverse Universe

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



CA5389



FF4A9C



CA5753



665C60



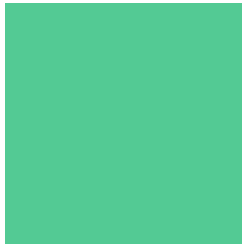
A6004B



260011

Previews

White Background



This preview shows how the Hex color 53CA94 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 53CA94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

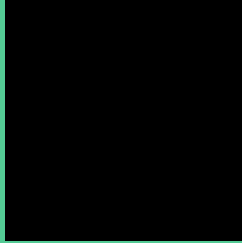
Any Text WCAG AA ✓ Pass

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 53CA94 Background



This preview shows how black text looks on a background with the Hex color 53CA94.

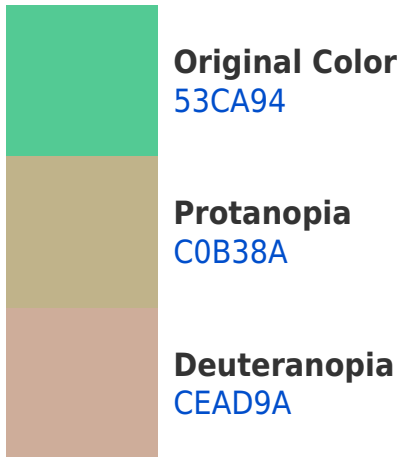


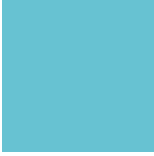
This preview shows how white text looks on a background with the Hex color 53CA94.

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](#).

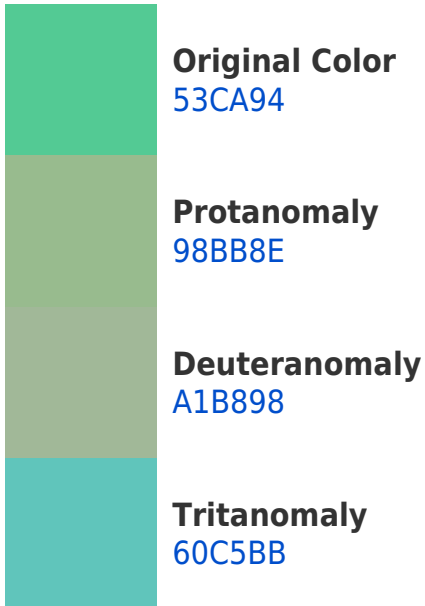
Dichromacy



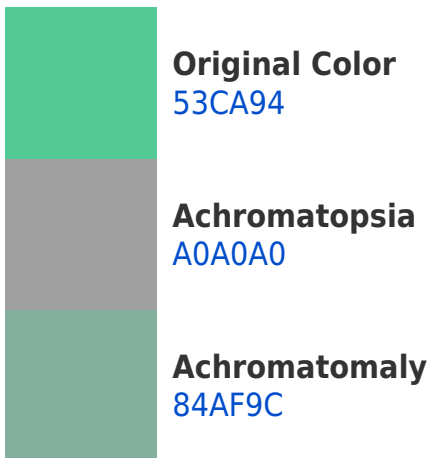


Tritanopia
67C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53CA94 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 #53CA94 looks like.

```
.text, #text, p{  
    color:#53CA94  
}
```

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 #53CA94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CA94
}
```

Border

The CSS property to change the border of an element to Hex 53CA94 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
#53CA94 }
```

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

```
.border{ border-color:#53CA94 }
```

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

Here you see how a box with a 4 pixel #53CA94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CA94; -webkit-box-shadow:4px 4px  
4px 4px #53CA94; box-shadow:4px 4px 4px  
4px #53CA94 }
```

Background

The CSS property to change the background color of an element to Hex 53CA94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CA94 }
```

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

```
.background{ background-color:#53CA94 }
```

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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