

Converting Colors

Hex(53CA91)

Have a look what the booklet for
Hex(53CA91) contains.

Hex(53CA91)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53CA91)

Conversions

Conversions Part 1

Format	Color
Hex	53CA91
RGB	83, 202, 145
RGB Percent	33%, 79%, 57%
CMY	0.6745, 0.2078, 0.4314
CMYK	0.59, 0.00, 0.28, 0.21
HSL	151°, 53%, 56%
HSV	151°, 59%, 79%
XYZ	29.7986, 46.1244, 34.1204
YIQ	159.9210, -52.6270, -42.9550

Conversions

Conversions Part 2

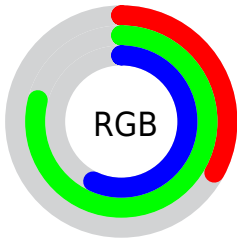
Format	Color
RYB	83, 161, 202
Decimal	5491345
CIELab	73.63, -46.65, 18.68
CIELCh	74, 50.252, 158.176
Yxy	46.1244, 0.2708, 0.4191
Android (android.graphics.Color)	4283681425 (0xFF53CA91)
YUV	159.9210, -7.3561, -67.4597
Hunter-Lab	67.9149, -40.5317, 17.7532

Details

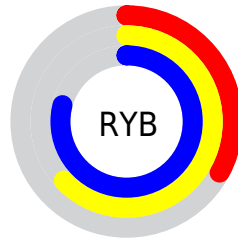
The Hex color **53CA91** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA538C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EFFC7**, and **00935E** is the 20% darker color. If you saturate the color by 10%, you get **3FCA87**, and if you desaturate by 10%, it is **67CA9B**.

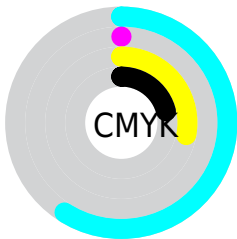
Distribution



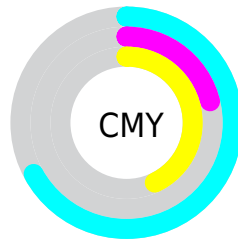
- Red (33%)
- Green (79%)
- Blue (57%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CA91 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 53CA91 by changing the saturation by 10% instead.

 53CA91

 53CA91

FFFFFF

 32AE77

 8EFFC7

 00935E

 ABFFE3

 007946

 C8FFFF

 005F30

 E6FFFF

 00461A

 002F01

 001500

 000000

 53CA91

 53CA91

 3FCA87

 67CA9B

 2BCA7E

 7BCAA4

 16CA74

 90CAAE

 02CA6A

 A4CAB8

 00CA69

 B8CAC1

 CCCACB

 E0CAD5

 F5CADE

 FFCAE8

Harmonies

Analogous

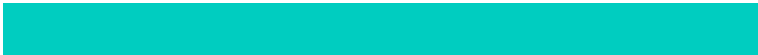
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C36A



53CA91



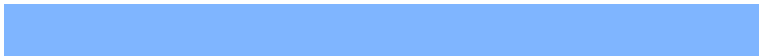
00CDC0

Triad

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



53CA91



7FB5FF



FF967E

Complementary

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



53CA91



CA538C

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.



FF8EAA



53CA91



C9A4FE

Square

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



53CA91



00C3FF



F894D8



ECA65F

Rectangle

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



53CA91



00CCDF



F894D8



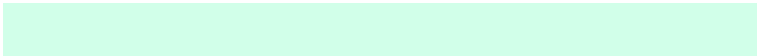
FF928C

Sweetspot

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



53CA91



D1FFE9



8DCA53



638072



000000



808080

Same Dimension

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



53CA91



4AFFA8



53C8CA



5C6661



00A656



002614

Inverse Universe

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



CA538C



FF4AA1



CA5553



665C61



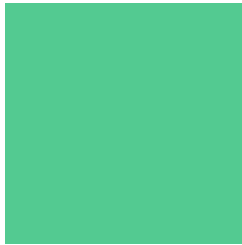
A6004F



260012

Previews

White Background



This preview shows how the Hex color 53CA91 looks on a white background.

Color Contrast Check

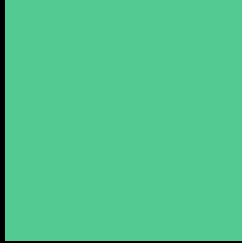
Large Text (above 18pt) WCAG AA × Fail

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 53CA91 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 53CA91 Background



This preview shows how black text looks on a background with the Hex color 53CA91.

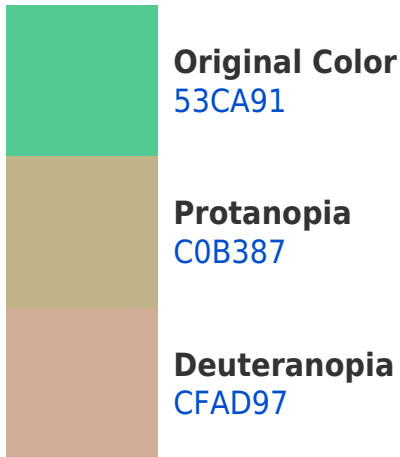


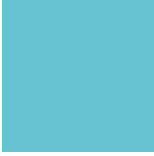
This preview shows how white text looks on a background with the Hex color 53CA91.

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
67C2D1

Trichromacy



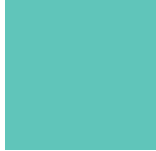
Original Color
53CA91



Protanomaly
98BB8B



Deuteranomaly
A2B895

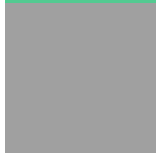


Tritanomaly
60C5BA

Monochromacy



Original Color
53CA91



Achromatopsia
A0A0A0



Achromatomaly
84AF9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 53CA91 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 #53CA91 looks like.

```
.text, #text, p{  
    color:#53CA91  
}
```

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 #53CA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CA91
}
```

Border

The CSS property to change the border of an element to Hex 53CA91 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
#53CA91 }
```

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

```
.border{ border-color:#53CA91 }
```

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

Here you see how a box with a 4 pixel #53CA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CA91; -webkit-box-shadow:4px 4px  
4px 4px #53CA91; box-shadow:4px 4px 4px  
4px #53CA91 }
```

Background

The CSS property to change the background color of an element to Hex 53CA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CA91 }
```

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

```
.background{ background-color:#53CA91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor