

Converting Colors

Hex(53C7A3)

Have a look what the booklet for
Hex(53C7A3) contains.

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Color

Hex(53C7A3)

Conversions

Conversions Part 1

Format	Color
Hex	53C7A3
RGB	83, 199, 163
RGB Percent	33%, 78%, 64%
CMY	0.6745, 0.2196, 0.3608
CMYK	0.58, 0.00, 0.18, 0.22
HSL	161°, 51%, 55%
HSV	161°, 58%, 78%
XYZ	30.6016, 45.3302, 41.7871
YIQ	160.2120, -57.5800, -35.7880

Conversions

Conversions Part 2

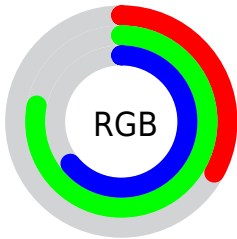
Format	Color
RYB	83, 152, 199
Decimal	5490595
CIELab	73.11, -41.40, 8.29
CIElCh	73, 42.219, 168.671
Yxy	45.3302, 0.2600, 0.3851
Android (android.graphics.Color)	4283680675 (0xFF53C7A3)
YUV	160.2120, 1.3745, -67.7149
Hunter-Lab	67.3277, -36.6922, 10.3309

Details

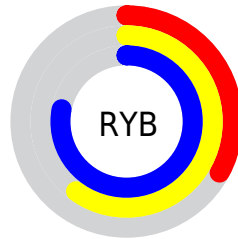
The Hex color **53C7A3** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C75377**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EFFDA**, and **00906F** is the 20% darker color. If you saturate the color by 10%, you get **3FC79D**, and if you desaturate by 10%, it is **67C7A9**.

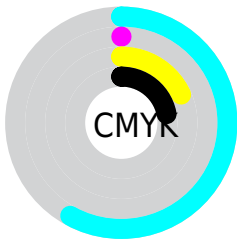
Distribution



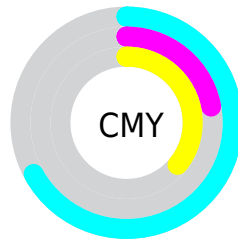
- Red (33%)
- Green (78%)
- Blue (64%)



- Red (33%)
- Yellow (60%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C7A3 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 53C7A3 by changing the saturation by 10% instead.

 53C7A3

 53C7A3

FFFFFF

 32AB89

 8EFFDA

 00906F

 ABFFF6

 007657

 C8FFFF

 005D40

 E6FFFF

 00442A

 002D15

 001300

 000000

 53C7A3

 53C7A3

 3FC79D

 67C7A9

 2BC797

 7BC7AF

 17C790

 8FC7B6

 03C78A

 A3C7BC

 00C789

 B7C7C2

 CAC7C8

 DEC7CE

 F2C7D4

 FFC7DB

Harmonies

Analogous

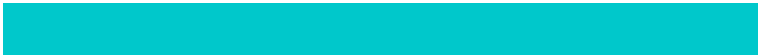
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88C27F



53C7A3



00C8CB

Triad

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



53C7A3



A2AFFD



F49F7B

Complementary

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



53C7A3



C75377

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.



FF969D



53C7A3



D5A1E7

Square

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



53C7A3



5CBCFF



F596C4



D9AC67

Rectangle

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



53C7A3



00C6E3



F596C4



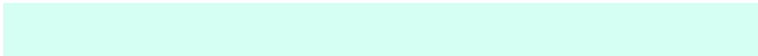
F99B85

Sweetspot

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



53C7A3



D4FFF2



78C753



668078



000000



808080

Same Dimension

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



53C7A3



4DFFC8



53B2C7



5A6360



00A371



002419

Inverse Universe

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



C75377



FF4D84



C76853



635A5D



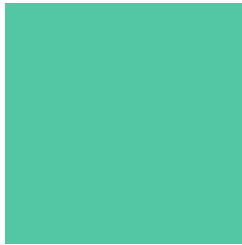
A30033



24000B

Previews

White Background



This preview shows how the Hex color 53C7A3 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 53C7A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

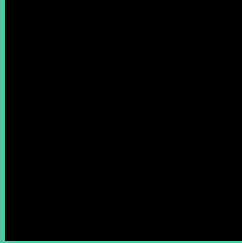
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

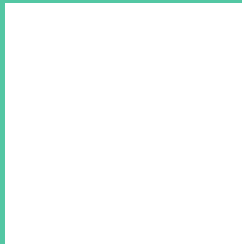
Any Text WCAG AAA ✓ Pass

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

Hex 53C7A3 Background



This preview shows how black text looks on a background with the Hex color 53C7A3.

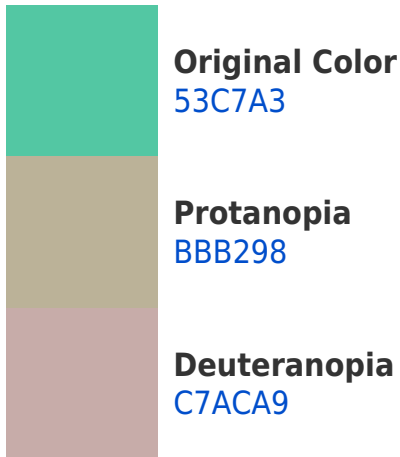


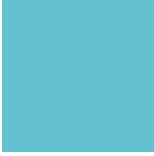
This preview shows how white text looks on a background with the Hex color 53C7A3.

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
63C1D0

Trichromacy



Original Color
53C7A3



Protanomaly
95BA9C



Deuteranomaly
9DB6A7



Tritanomaly
5DC3C0

Monochromacy



Original Color
53C7A3



Achromatopsia
A0A0A0



Achromatomaly
84AEA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C7A3 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 #53C7A3 looks like.

```
.text, #text, p{  
    color:#53C7A3  
}
```

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 #53C7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C7A3
}
```

Border

The CSS property to change the border of an element to Hex 53C7A3 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
#53C7A3 }
```

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

```
.border{ border-color:#53C7A3 }
```

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

Here you see how a box with a 4 pixel #53C7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C7A3; -webkit-box-shadow:4px 4px  
4px 4px #53C7A3; box-shadow:4px 4px 4px  
4px #53C7A3 }
```

Background

The CSS property to change the background color of an element to Hex 53C7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C7A3 }
```

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

```
.background{ background-color:#53C7A3 }
```

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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