

Converting Colors

Hex(53A8C3)

Have a look what the booklet for
Hex(53A8C3) contains.

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Color

Hex(53A8C3)

Conversions

Conversions Part 1

Format	Color
Hex	53A8C3
RGB	83, 168, 195
RGB Percent	33%, 66%, 76%
CMY	0.6745, 0.3412, 0.2353
CMYK	0.57, 0.14, 0.00, 0.24
HSL	194°, 48%, 55%
HSV	194°, 57%, 76%
XYZ	27.4202, 33.7844, 56.7056
YIQ	145.6630, -59.3270, -9.6230

Conversions

Conversions Part 2

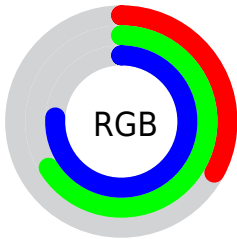
Format	Color
R _Y B	83, 131, 195
Decimal	5482691
CIE Lab	64.79, -17.86, -21.62
CIE LCh	65, 28.038, 230.440
Yxy	33.7844, 0.2326, 0.2865
Android (android.graphics.Color)	4283672771 (0xFF53A8C3)
YUV	145.6630, 24.3231, -54.9555
Hunter-Lab	58.1243, -17.5100, -17.1558

Details

The Hex color **53A8C3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C36E53**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8DDFFC**, and **01748D** is the 20% darker color. If you saturate the color by 10%, you get **40A3C3**, and if you desaturate by 10%, it is **67ADC3**.

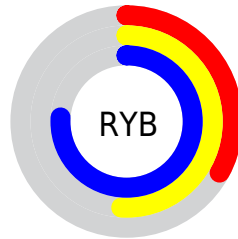
Distribution



Red (33%)

Green (66%)

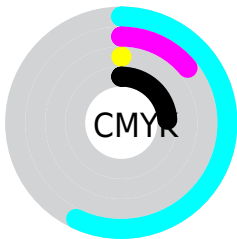
Blue (76%)



Red (33%)

Yellow (51%)

Blue (76%)

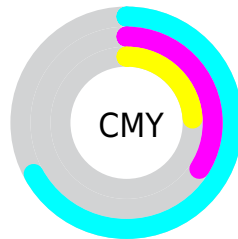


Cyan (57%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (67%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A8C3 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 53A8C3 by changing the saturation by 10% instead.


 53A8C3

 53A8C3

FFFFFF

 338DA8

 8DDFFC

 01748D

 AAFCCF

 005B74

 C7FFFF

 00435B

 E5FFFF

 002D43

 001A2D

 000118

 000000

 53A8C3

 53A8C3

40A3C3

67ADC3

2C9FC3

7AB1C3

189AC3

8EB6C3

0595C3

A1BBC3

0094C3

B5C0C3

C8C4C3

DBC9C3

EFCEC3

FFD2C3

Harmonies

Analogous

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



4FABAE



53A8C3



71A2CE

Triad

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



53A8C3



C98BA6



9DA16E

Complementary

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



53A8C3



C36E53

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.



B6996C



53A8C3



D08B8D

Square

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



53A8C3



B591BD



C89178



81A77D

Rectangle

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



53A8C3



8A9DCE



C89178



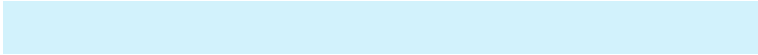
A69E6C

Sweetspot

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



53A8C3



D2F2FC



53C36D



667980



000000



808080

Same Dimension

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



53A8C3



4ED2FC



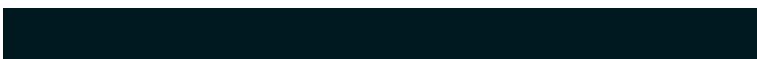
5371C3



575F61



007AA1



001921

Inverse Universe

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



C353A8



FC4ED2



C3A553



61575F



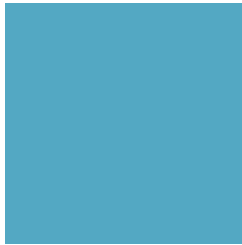
A1007A



210019

Previews

White Background



This preview shows how the Hex color 53A8C3 looks on a white background.

Color Contrast Check

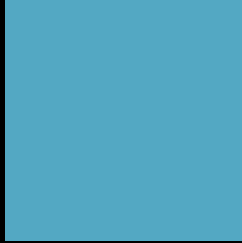
Large Text (above 18pt) WCAG AA × Fail

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 53A8C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

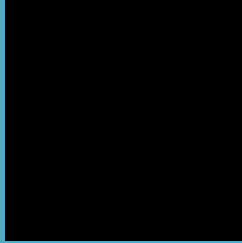
Any Text WCAG AA ✓ Pass

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 53A8C3 Background



This preview shows how black text looks on a background with the Hex color 53A8C3.

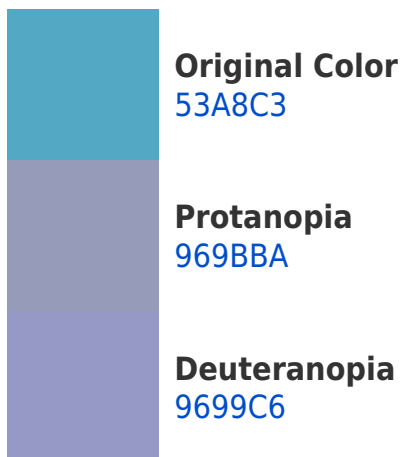


This preview shows how white text looks on a background with the Hex color 53A8C3.

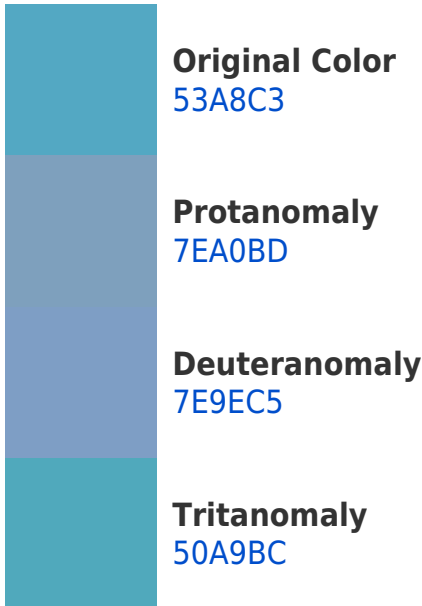
Color Blindness Simulation

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 53A8C3 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 #53A8C3 looks like.

```
.text, #text, p{  
    color:#53A8C3  
}
```

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 #53A8C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A8C3
}
```

Border

The CSS property to change the border of an element to Hex 53A8C3 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
#53A8C3 }
```

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

```
.border{ border-color:#53A8C3 }
```

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

Here you see how a box with a 4 pixel #53A8C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A8C3; -webkit-box-shadow:4px 4px  
4px 4px #53A8C3; box-shadow:4px 4px 4px  
4px #53A8C3 }
```

Background

The CSS property to change the background color of an element to Hex 53A8C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A8C3 }
```

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

```
.background{ background-color:#53A8C3 }
```

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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