

Converting Colors

Hex(53A7A3)

Have a look what the booklet for
Hex(53A7A3) contains.

Hex(53A7A3)	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(53A7A3)

Conversions

Conversions Part 1

Format	Color
Hex	53A7A3
RGB	83, 167, 163
RGB Percent	33%, 65%, 64%
CMY	0.6745, 0.3451, 0.3608
CMYK	0.50, 0.00, 0.02, 0.35
HSL	177°, 34%, 49%
HSV	177°, 50%, 65%
XYZ	23.9969, 32.1208, 39.5855
YIQ	141.4280, -48.7800, -19.0520

Conversions

Conversions Part 2

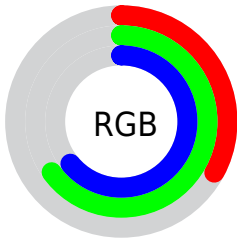
Format	Color
R _{YB}	83, 126, 167
Decimal	5482403
CIE _{Lab}	63.44, -26.41, -5.77
CIE _{LCh}	63, 27.033, 192.331
Yxy	32.1208, 0.2507, 0.3356
Android (android.graphics.Color)	4283672483 (0xFF53A7A3)
YUV	141.4280, 10.6350, -51.2414
Hunter-Lab	56.6752, -23.6029, -1.7392

Details

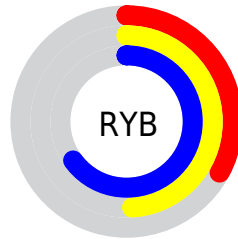
The Hex color **53A7A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75357**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8BDEDA**, and **12736F** is the 20% darker color. If you saturate the color by 10%, you get **42A7A2**, and if you desaturate by 10%, it is **64A7A4**.

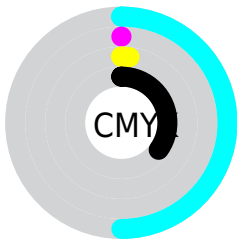
Distribution



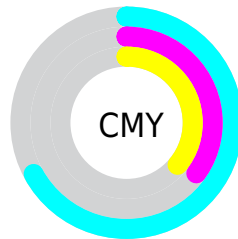
- Red (33%)
- Green (65%)
- Blue (64%)



- Red (33%)
- Yellow (49%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A7A3 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 53A7A3 by changing the saturation by 10% instead.



53A7A3



53A7A3

FFFFFF



368C89



8BDEDA



12736F



A7FBF6



005A57



C4FFFF



004240



E1FFFF



002B2A

FEFFFF



001516



000000



53A7A3



53A7A3



42A7A2



64A7A4

■ 32A7A1

■ 74A7A5

■ 21A7A1

■ 85A7A5

■ 10A7A0

■ 96A7A6

■ 00A79F

■ A6A7A7

■ B7A7A8

■ C8A7A9

■ D9A7A9

■ E9A7AA

Harmonies

Analogous

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



6AA68A



53A7A3



4FA5B9

Triad

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



53A7A3



AA90BD



B7936C

Complementary

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



53A7A3



A75357

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.



C68C7A



53A7A3



C089A9

Square

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



53A7A3



8998C8



CA8890



A19B6A

Rectangle

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



53A7A3



5CA2C4



CA8890



BD9170

Sweetspot

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



53A7A3



B8D9D7



57A753



5A6E6D



EDEDED



6E6E6E

Same Dimension

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



53A7A3



57D9D3



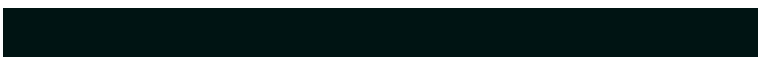
5381A7



4C5454



00948D



001413

Inverse Universe

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



A75357



D9575D



A77953



544C4C



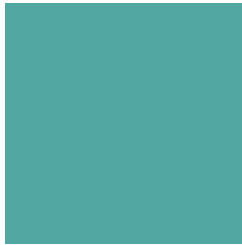
940007



140001

Previews

White Background



This preview shows how the Hex color 53A7A3 looks on a white background.

Color Contrast Check

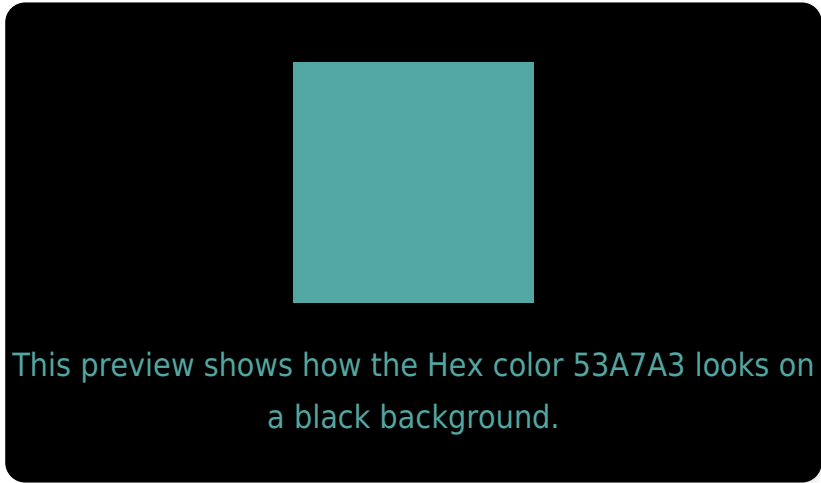
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

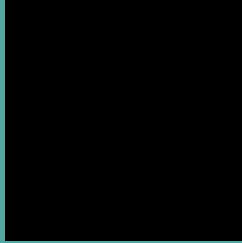
Any Text WCAG AA ✓ Pass

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 53A7A3 Background



This preview shows how black text looks on a background with the Hex color 53A7A3.

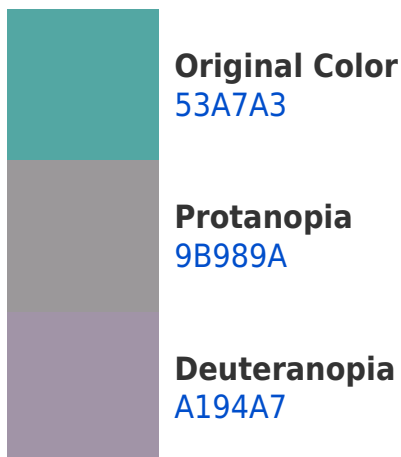


This preview shows how white text looks on a background with the Hex color 53A7A3.

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
58A5B2

Trichromacy



Original Color
53A7A3



Protanomaly
819D9D



Deuteranomaly
859BA6



Tritanomaly
56A6AD

Monochromacy



Original Color
53A7A3



Achromatopsia
8D8D8D



Achromatomaly
789695

CSS Examples

Text

The CSS property to change the color of the text to Hex 53A7A3 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 #53A7A3 looks like.

```
.text, #text, p{  
    color:#53A7A3  
}
```

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 #53A7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A7A3
}
```

Border

The CSS property to change the border of an element to Hex 53A7A3 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
#53A7A3 }
```

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

```
.border{ border-color:#53A7A3 }
```

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

Here you see how a box with a 4 pixel #53A7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A7A3; -webkit-box-shadow:4px 4px  
4px 4px #53A7A3; box-shadow:4px 4px 4px  
4px #53A7A3 }
```

Background

The CSS property to change the background color of an element to Hex 53A7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A7A3 }
```

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

```
.background{ background-color:#53A7A3 }
```

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