

Converting Colors

Hex(5395A3)

Have a look what the booklet for
Hex(5395A3) contains.

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Color

Hex(5395A3)

Conversions

Conversions Part 1

Format	Color
Hex	5395A3
RGB	83, 149, 163
RGB Percent	33%, 58%, 64%
CMY	0.6745, 0.4157, 0.3608
CMYK	0.49, 0.09, 0.00, 0.36
HSL	190°, 33%, 48%
HSV	190°, 49%, 64%
XYZ	20.9256, 25.9782, 38.5617
YIQ	130.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

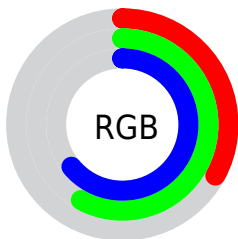
Format	Color
R_{YB}	83, 119, 163
Decimal	5477795
CIE _{Lab}	58.02, -17.12, -13.89
CIE _{LCh}	58, 22.046, 219.045
Yxy	25.9782, 0.2448, 0.3040
Android (android.graphics.Color)	4283667875 (0xFF5395A3)
YUV	130.8620, 15.8440, -41.9750
Hunter-Lab	50.9688, -15.9112, -9.1791

Details

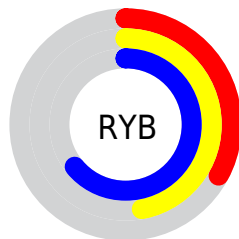
The Hex color **5395A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36153**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8ACBDA**, and **18626F** is the 20% darker color. If you saturate the color by 10%, you get **4392A3**, and if you desaturate by 10%, it is **6398A3**.

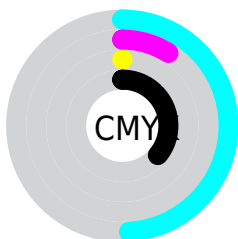
Distribution



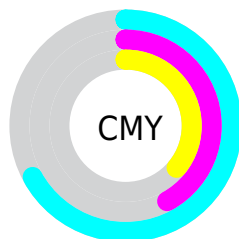
- Red (33%)
- Green (58%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5395A3 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 5395A3 by changing the saturation by 10% instead.

5395A3

5395A3

FFFFFF

377B89

8ACBDA

18626F

A5E7F6

004A57

C2FFFF

003340

DEFFFF

001F2A

FCFFFF

000115

000000

5395A3

5395A3

4392A3

6398A3

■ 328FA3

■ 749BA3

■ 228CA3

■ 849EA3

■ 128AA3

■ 94A0A3

■ 0187A3

■ A5A3A3

■ 0086A3

■ B5A6A3

■ C5A9A3

■ D5ACA3

■ E6AFA3

Harmonies

Analogous

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



579691



5395A3



6291AF

Triad

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



5395A3



A97F9A



948C65

Complementary

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



5395A3



A36153

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.



A58668



5395A3



B27D86

Square

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



5395A3



9684A9



B08074



7E926D

Rectangle

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



5395A3



738DB2



B08074



9A8A65

Sweetspot

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



5395A3



B4CED4



53A360



58686B



EBEBEB



6B6B6B

Same Dimension

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



5395A3



57BED4



536EA3



495052



007891



000F12

Inverse Universe

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



A35395



D457BE



A38853



524950



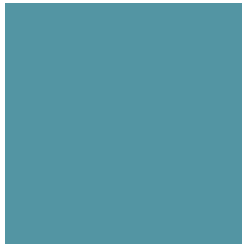
910078



12000F

Previews

White Background



This preview shows how the Hex color 5395A3 looks on a white background.

Color Contrast Check

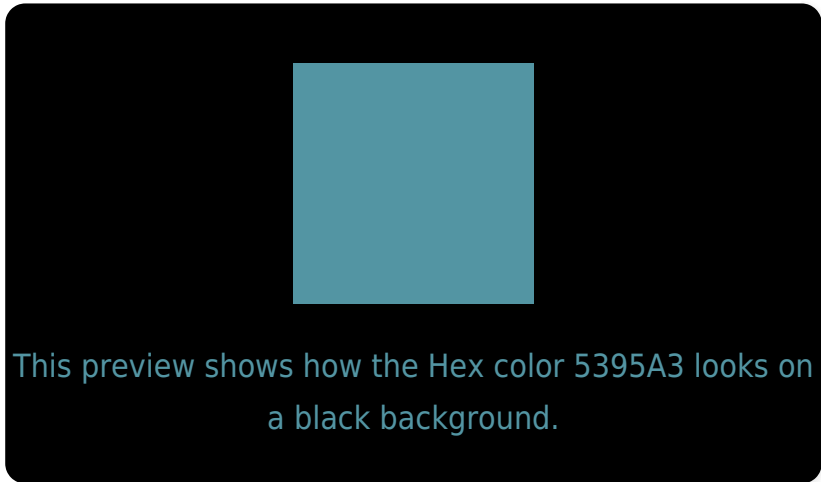
Large Text (above 18pt) WCAG AA ✓ Pass

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

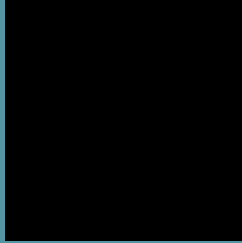
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5395A3 Background



This preview shows how black text looks on a background with the Hex color 5395A3.



This preview shows how white text looks on a background with the Hex color 5395A3.

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



Original Color
5395A3

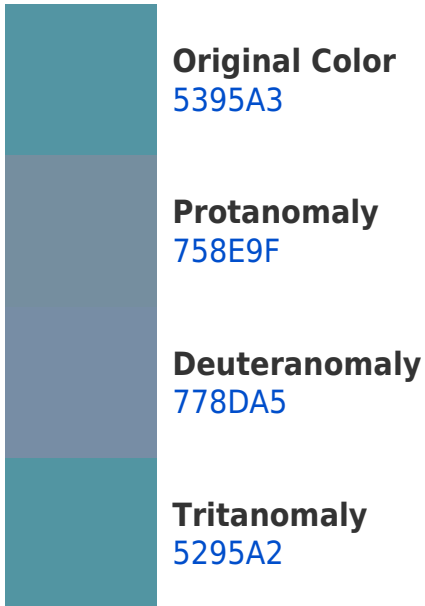
Protanopia
888A9C

Deuteranopia
8B88A6

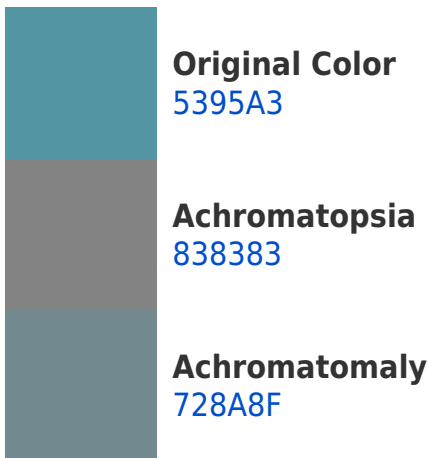


Tritanopia
5295A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5395A3 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 #5395A3 looks like.

```
.text, #text, p{  
    color:#5395A3  
}
```

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 #5395A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5395A3
}
```

Border

The CSS property to change the border of an element to Hex 5395A3 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
#5395A3 }
```

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

```
.border{ border-color:#5395A3 }
```

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

Here you see how a box with a 4 pixel #5395A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5395A3; -webkit-box-shadow:4px 4px  
4px 4px #5395A3; box-shadow:4px 4px 4px  
4px #5395A3 }
```

Background

The CSS property to change the background color of an element to Hex 5395A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5395A3 }
```

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

```
.background{ background-color:#5395A3 }
```

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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