

Converting Colors

Hex(3783A3)

Have a look what the booklet for
Hex(3783A3) contains.

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Color

Hex(3783A3)

Conversions

Conversions Part 1

Format	Color
Hex	3783A3
RGB	55, 131, 163
RGB Percent	22%, 51%, 64%
CMY	0.7843, 0.4863, 0.3608
CMYK	0.66, 0.20, 0.00, 0.36
HSL	198°, 50%, 43%
HSV	198°, 66%, 64%
XYZ	16.3027, 19.6892, 37.5915
YIQ	111.9240, -55.5680, -6.1600

Conversions

Conversions Part 2

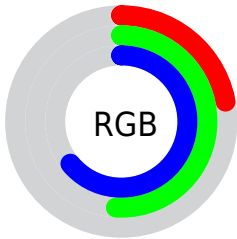
Format	Color
RYB	55, 100, 163
Decimal	3638179
CIELab	51.48, -13.07, -23.95
CIElCh	51, 27.288, 241.378
Yxy	19.6892, 0.2216, 0.2676
Android (android.graphics.Color)	4281828259 (0xFF3783A3)
YUV	111.9240, 25.1805, -49.9223
Hunter-Lab	44.3725, -12.0699, -19.1686

Details

The Hex color **3783A3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A35737**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **72B8DA**, and **00526F** is the 20% darker color. If you saturate the color by 10%, you get **277EA3**, and if you desaturate by 10%, it is **4788A3**.

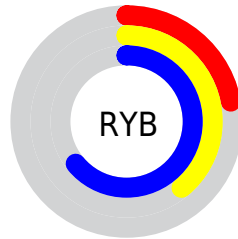
Distribution



Red (22%)

Green (51%)

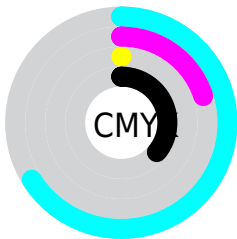
Blue (64%)



Red (22%)

Yellow (39%)

Blue (64%)

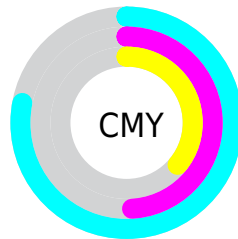


Cyan (66%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (78%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3783A3 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 3783A3 by changing the saturation by 10% instead.

■ 3783A3

■ 3783A3

FFFFFF

■ 106A89

■ 72B8DA

■ 00526F

■ 8ED4F7

■ 003B57

■ AAF0FF

■ 00253F

■ C7FFFF

■ 000D29

■ E5FFFF

■ 000114

■ 000000

■ 3783A3

■ 3783A3

■ 277EA3

■ 4788A3

■ 1679A3

■ 588DA3

■ 0675A3

■ 6891A3

■ 0073A3

■ 7896A3

■ 899BA3

■ 99A0A3

■ A9A5A3

■ B9AAA3

■ CAAEA3

Harmonies

Analogous

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



258792



3783A3



5C7DA9

Triad

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



3783A3



A7697A



718152

Complementary

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



3783A3



A35737

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.



897A4C



3783A3



A86B64

Square

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



3783A3



996D91



9D7252



558564

Rectangle

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



3783A3



7477A6



9D7252



797E4F

Sweetspot

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



3783A3



A9C7D4



37A356



51636B



EBEBEB



6B6B6B

Same Dimension

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



3783A3



2AA1D4



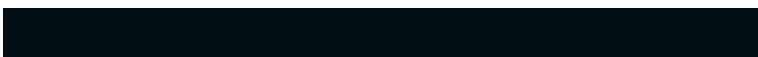
374EA3



494F52



006691



000D12

Inverse Universe

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



A33783



D42AA1



A38C37



52494F



910066



12000D

Previews

White Background



This preview shows how the Hex color 3783A3 looks on a white background.

Color Contrast Check

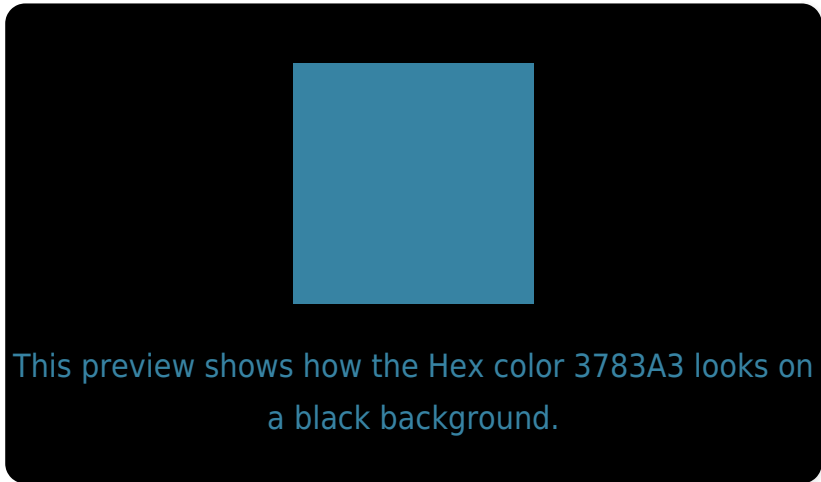
Large Text (above 18pt) WCAG AA ✓ Pass

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

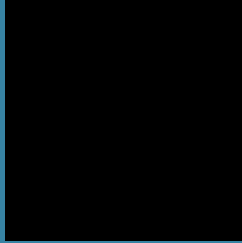
Any Text WCAG AA ✓ Pass

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 3783A3 Background



This preview shows how black text looks on a background with the Hex color 3783A3.

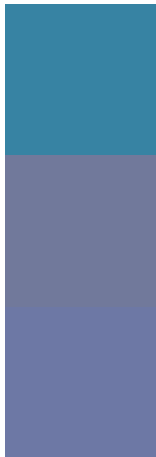


This preview shows how white text looks on a background with the Hex color 3783A3.

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
3783A3

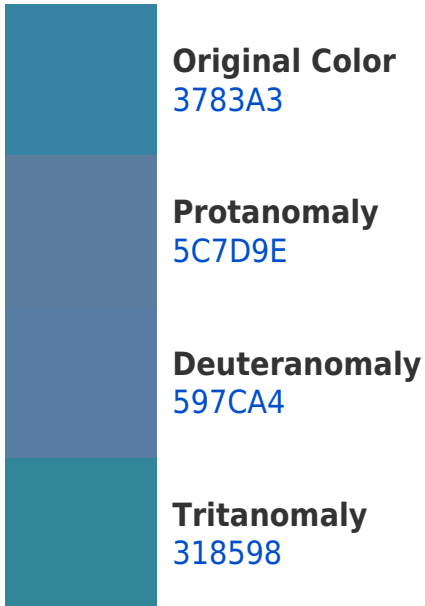
Protanopia
71799B

Deuteranopia
6D78A5

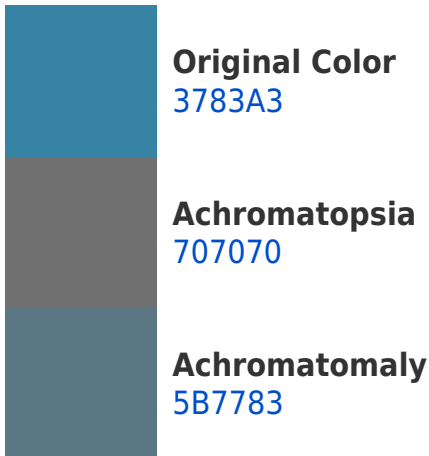


Tritanopia
2D8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3783A3 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 #3783A3 looks like.

```
.text, #text, p{  
    color:#3783A3  
}
```

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 #3783A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3783A3
}
```

Border

The CSS property to change the border of an element to Hex 3783A3 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
#3783A3 }
```

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

```
.border{ border-color:#3783A3 }
```

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

Here you see how a box with a 4 pixel #3783A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3783A3; -webkit-box-shadow:4px 4px  
4px 4px #3783A3; box-shadow:4px 4px 4px  
4px #3783A3 }
```

Background

The CSS property to change the background color of an element to Hex 3783A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3783A3 }
```

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

```
.background{ background-color:#3783A3 }
```

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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