

Converting Colors

Hex(3A7C91)

Have a look what the booklet for
Hex(3A7C91) contains.

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Color

Hex(3A7C91)

Conversions

Conversions Part 1

Format	Color
Hex	3A7C91
RGB	58, 124, 145
RGB Percent	23%, 49%, 57%
CMY	0.7725, 0.5137, 0.4314
CMYK	0.60, 0.14, 0.00, 0.43
HSL	194°, 43%, 40%
HSV	194°, 60%, 57%
XYZ	14.0634, 17.3592, 29.3975
YIQ	106.6600, -46.0770, -7.4610

Conversions

Conversions Part 2

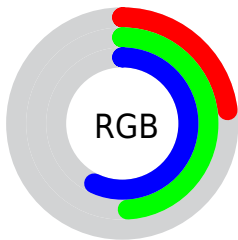
Format	Color
RYB	58, 96, 145
Decimal	3832977
CIELab	48.71, -14.46, -17.70
CIElCh	49, 22.855, 230.741
Yxy	17.3592, 0.2312, 0.2854
Android (android.graphics.Color)	4282023057 (0xFF3A7C91)
YUV	106.6600, 18.9016, -42.6748
Hunter-Lab	41.6643, -12.6616, -12.6688

Details

The Hex color **3A7C91** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **914F3A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **71B1C7**, and **004B5F** is the 20% darker color. If you saturate the color by 10%, you get **2C7891**, and if you desaturate by 10%, it is **487F91**.

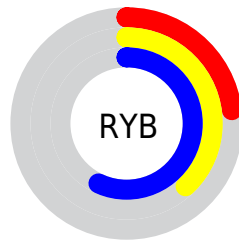
Distribution



Red (23%)

Green (49%)

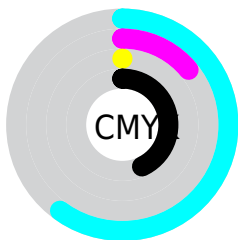
Blue (57%)



Red (23%)

Yellow (38%)

Blue (57%)

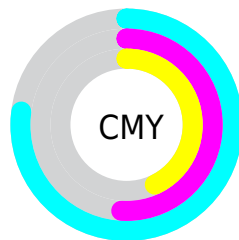


Cyan (60%)

Magenta (14%)

Yellow (0%)

Black (43%)



Cyan (77%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7C91 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 3A7C91 by changing the saturation by 10% instead.

■ 3A7C91

■ 3A7C91

FFFFFF

■ 1A6377

■ 71B1C7

■ 004B5F

■ 8DCCE3

■ 003447

■ A9E8FF

■ 001F30

■ C5FFFF

■ 00011C

■ E2FFFF

■ 000000

■ 3A7C91

■ 3A7C91

■ 2C7891

■ 487F91

■ 1D7591

■ 578391

0E7191

668691

006E91

748A91

838D91

919191

9F9591

AE9891

BC9C91

Harmonies

Analogous

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



377E81



3A7C91



517799

Triad

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



3A7C91



96667B



73774F

Complementary

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



3A7C91



914F3A

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.



87704E



3A7C91



9A6667

Square

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



3A7C91



876A8C



956A57



5D7B5B

Rectangle

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



3A7C91



657399



956A57



7A754D

Sweetspot

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



3A7C91



9BB5BD



3A914E



4A595E



DEDEDE



5E5E5E

Same Dimension

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



3A7C91



359CBD



3A5191



404647



006787



000608

Inverse Universe

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



913A7C



BD359C



917A3A



474046



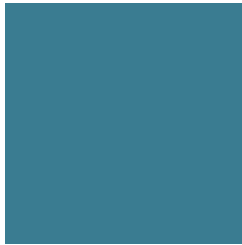
870067



080006

Previews

White Background



This preview shows how the Hex color 3A7C91 looks on a white background.

Color Contrast Check

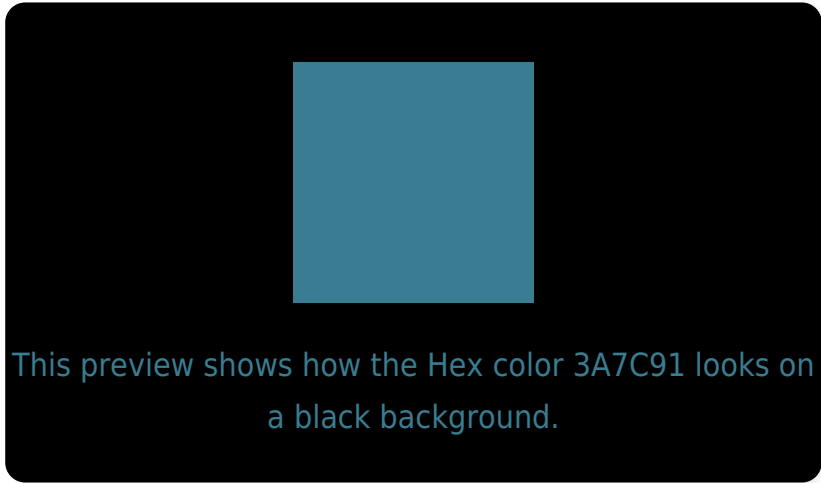
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

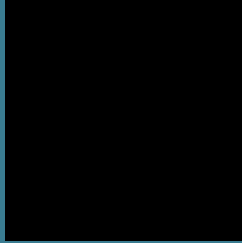
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3A7C91 Background



This preview shows how black text looks on a background with the Hex color 3A7C91.

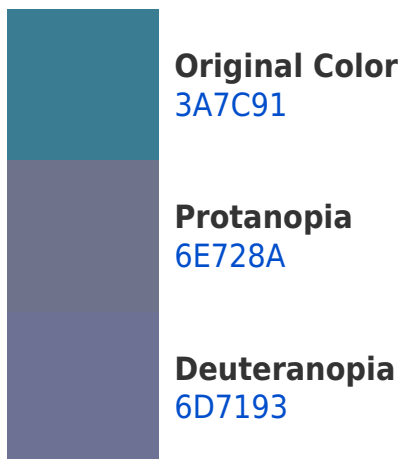


This preview shows how white text looks on a background with the Hex color 3A7C91.

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](#).

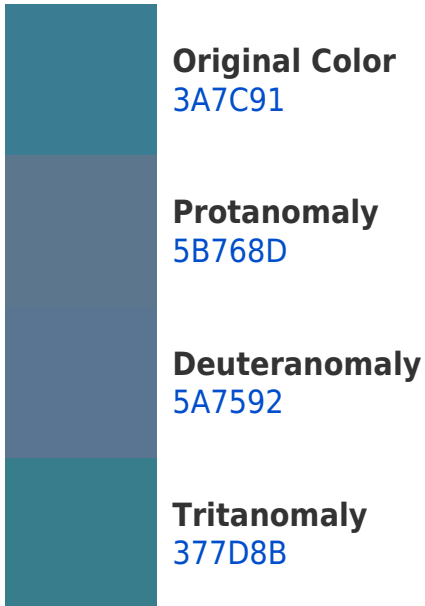
Dichromacy



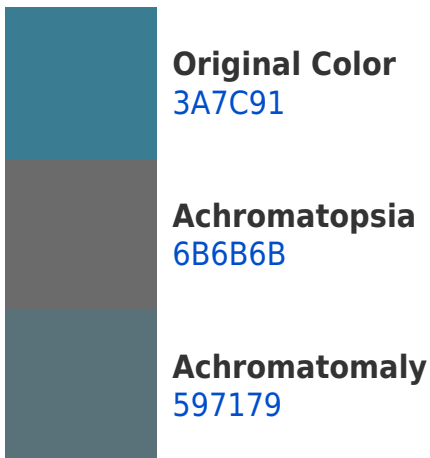


Tritanopia
367E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7C91 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 #3A7C91 looks like.

```
.text, #text, p{  
    color:#3A7C91  
}
```

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 #3A7C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7C91
}
```

Border

The CSS property to change the border of an element to Hex 3A7C91 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
#3A7C91 }
```

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

```
.border{ border-color:#3A7C91 }
```

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

Here you see how a box with a 4 pixel #3A7C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7C91; -webkit-box-shadow:4px 4px  
4px 4px #3A7C91; box-shadow:4px 4px 4px  
4px #3A7C91 }
```

Background

The CSS property to change the background color of an element to Hex 3A7C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7C91 }
```

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

```
.background{ background-color:#3A7C91 }
```

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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