

Converting Colors

Hex(3B7A94)

Have a look what the booklet for
Hex(3B7A94) contains.

Hex(3B7A94)	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(3B7A94)

Conversions

Conversions Part 1

Format	Color
Hex	3B7A94
RGB	59, 122, 148
RGB Percent	23%, 48%, 58%
CMY	0.7686, 0.5216, 0.4196
CMYK	0.60, 0.18, 0.00, 0.42
HSL	198°, 43%, 41%
HSV	198°, 60%, 58%
XYZ	14.1085, 16.9870, 30.5522
YIQ	106.1270, -45.8940, -5.2700

Conversions

Conversions Part 2

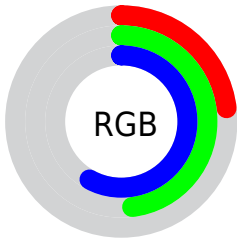
Format	Color
R_{YB}	59, 96, 148
Decimal	3898004
CIE _{Lab}	48.24, -12.17, -20.17
CIE _{LCh}	48, 23.560, 238.887
Yxy	16.9870, 0.2289, 0.2755
Android (android.graphics.Color)	4282088084 (0xFF3B7A94)
YUV	106.1270, 20.6434, -41.3304
Hunter-Lab	41.2153, -11.0241, -15.1000

Details

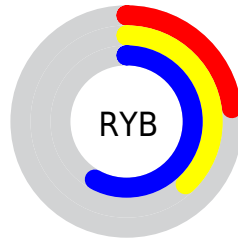
The Hex color **3B7A94** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **94553B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **72AECA**, and **004961** is the 20% darker color. If you saturate the color by 10%, you get **2C7694**, and if you desaturate by 10%, it is **4A7E94**.

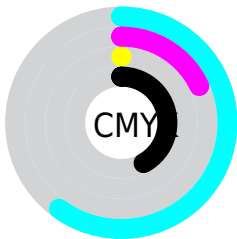
Distribution



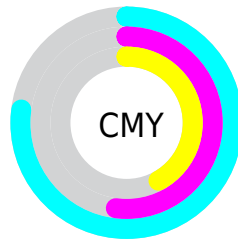
- Red (23%)
- Green (48%)
- Blue (58%)



- Red (23%)
- Yellow (38%)
- Blue (58%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)



- Cyan (77%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7A94 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 3B7A94 by changing the saturation by 10% instead.

■ 3B7A94

■ 3B7A94

FFFFFF

■ 1C617A

■ 72AECA

■ 004961

■ 8ECAE6

■ 003349

■ AAE6FF

■ 001E33

■ C6FFFF

■ 00021E

■ E3FFFF

■ 000000

■ 3B7A94

■ 3B7A94

■ 2C7694

■ 4A7E94

■ 1D7194

■ 598394

0F6D94

678794

006994

768B94

859094

949494

A39894

B19D94

C0A194

Harmonies

Analogous

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



307D85



3B7A94



57759A

Triad

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



3B7A94



986474



6C774F

Complementary

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



3B7A94



94553B

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.



81714B



3B7A94



9A6560

Square

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



3B7A94



8B6787



916A51



557B5D

Rectangle

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



3B7A94



6B7098



916A51



74754D

Sweetspot

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



3B7A94



9DB5BF



3B9454



4C5B61



E0E0E0



616161

Same Dimension

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



3B7A94



3697BF



3B4E94



43484A



00618A



00070A

Inverse Universe

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



943B7A



BF3697



94813B



4A4348



8A0061



0A0007

Previews

White Background



This preview shows how the Hex color 3B7A94 looks on a white background.

Color Contrast Check

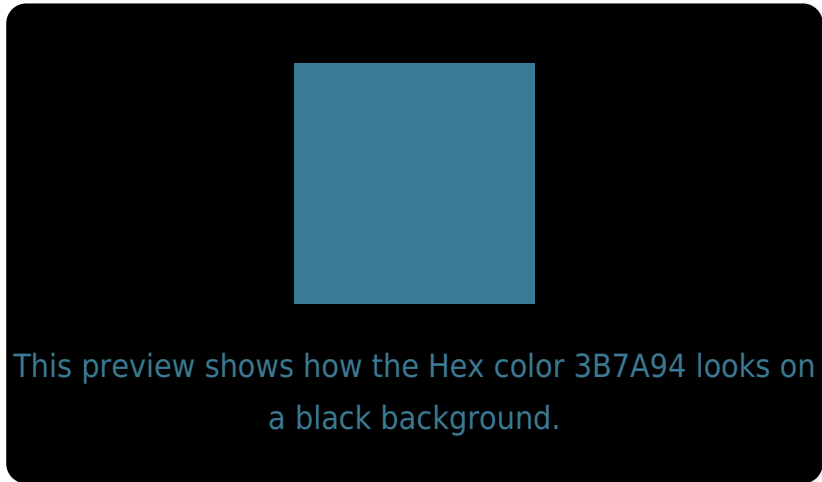
Large Text (above 18pt) WCAG AA ✓ Pass

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

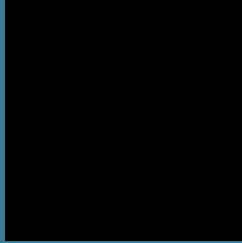
Any Text WCAG AA × Fail

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 3B7A94 Background



This preview shows how black text looks on a background with the Hex color 3B7A94.

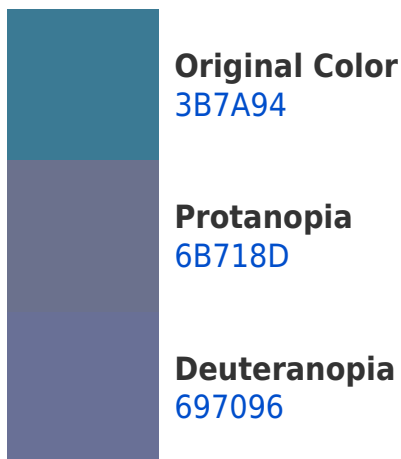


This preview shows how white text looks on a background with the Hex color 3B7A94.

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](#).

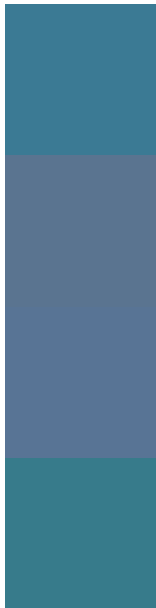
Dichromacy





Tritanopia
357C86

Trichromacy



Original Color
3B7A94

Protanomaly
5A7490

Deuteranomaly
587495

Tritanomaly
377B8B

Monochromacy



Original Color
3B7A94

Achromatopsia
6A6A6A

Achromatomaly
597079

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7A94 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 #3B7A94 looks like.

```
.text, #text, p{  
    color:#3B7A94  
}
```

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 #3B7A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7A94
}
```

Border

The CSS property to change the border of an element to Hex 3B7A94 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
#3B7A94 }
```

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

```
.border{ border-color:#3B7A94 }
```

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

Here you see how a box with a 4 pixel #3B7A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7A94; -webkit-box-shadow:4px 4px  
4px 4px #3B7A94; box-shadow:4px 4px 4px  
4px #3B7A94 }
```

Background

The CSS property to change the background color of an element to Hex 3B7A94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7A94 }
```

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

```
.background{ background-color:#3B7A94 }
```

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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