

Converting Colors

Hex(3B7D8C)

Have a look what the booklet for
Hex(3B7D8C) contains.

Hex(3B7D8C)	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(3B7D8C)

Conversions

Conversions Part 1

Format	Color
Hex	3B7D8C
RGB	59, 125, 140
RGB Percent	23%, 49%, 55%
CMY	0.7686, 0.5098, 0.4510
CMYK	0.58, 0.11, 0.00, 0.45
HSL	191°, 41%, 39%
HSV	191°, 58%, 55%
XYZ	13.8709, 17.4905, 27.4559
YIQ	106.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

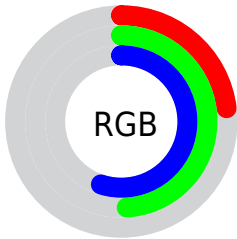
Format	Color
RYB	59, 95, 140
Decimal	3898764
CIELab	48.87, -16.38, -14.51
CIElCh	49, 21.878, 221.531
Yxy	17.4905, 0.2358, 0.2974
Android (android.graphics.Color)	4282088844 (0xFF3B7D8C)
YUV	106.9760, 16.2808, -42.0750
Hunter-Lab	41.8216, -13.9852, -9.6487

Details

The Hex color **3B7D8C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C4A3B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **72B2C2**, and **004C5A** is the 20% darker color. If you saturate the color by 10%, you get **2D7A8C**, and if you desaturate by 10%, it is **49808C**.

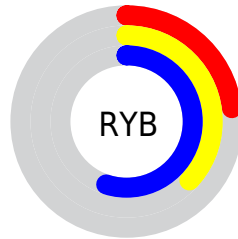
Distribution



Red (23%)

Green (49%)

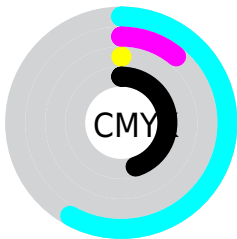
Blue (55%)



Red (23%)

Yellow (37%)

Blue (55%)

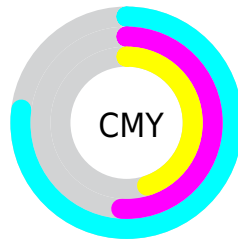


Cyan (58%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7D8C 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 3B7D8C by changing the saturation by 10% instead.

■ 3B7D8C

■ 3B7D8C

FFFFFF

■ 1D6472

■ 72B2C2

■ 004C5A

■ 8DCDDD

■ 003542

■ A9EAFA

■ 00202C

■ C5FFFF

■ 000118

■ E2FFFF

■ 000000

■ 3B7D8C

■ 3B7D8C

■ 2D7A8C

■ 49808C

■ 1F788C

■ 57828C

■ 11758C

■ 65858C

■ 03738C

■ 73878C

■ 00728C

■ 818A8C

■ 8F8D8C

■ 9D8F8C

■ AB928C

■ B9948C

Harmonies

Analogous

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



3E7E7B



3B7D8C



4C7997

Triad

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



3B7D8C



916880



7A7550

Complementary

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



3B7D8C



8C4A3B

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.



8B6F51



3B7D8C



99666E

Square

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



3B7D8C



806D90



97695C



657A58

Rectangle

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



3B7D8C



5E7599



97695C



80734F

Sweetspot

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



3B7D8C



96AFB5



3B8C4A



49585C



DBDBDB



5C5C5C

Same Dimension

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



3B7D8C



389EB5



3B558C



3E4445



006C85



000405

Inverse Universe

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



8C3B7D



B5389E



8C723B



453E44



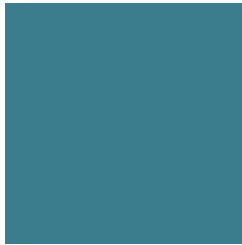
85006C



050004

Previews

White Background



This preview shows how the Hex color 3B7D8C looks on a white background.

Color Contrast Check

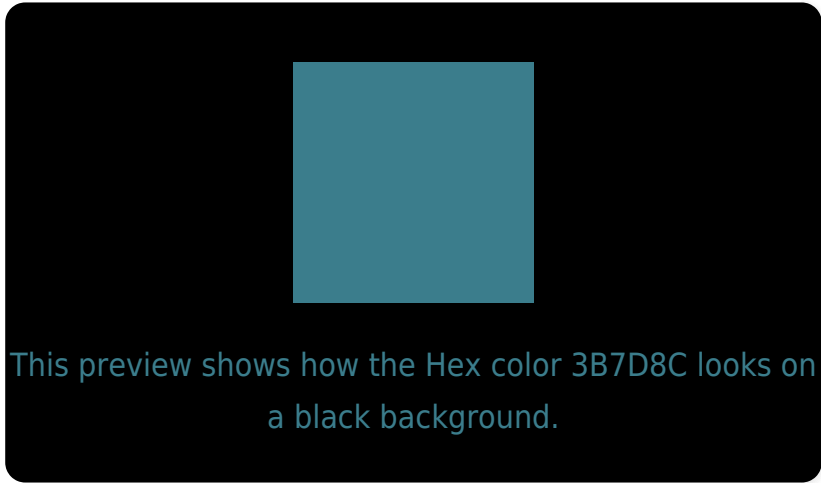
Large Text (above 18pt) WCAG AA ✓ Pass

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

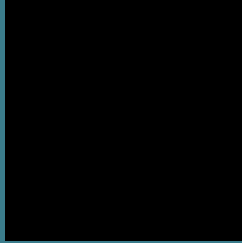
Any Text WCAG AA ✓ Pass

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 3B7D8C Background



This preview shows how black text looks on a background with the Hex color 3B7D8C.

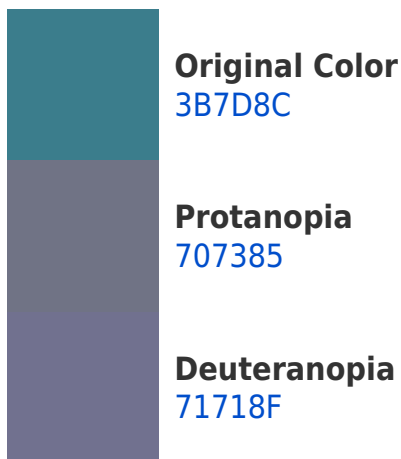


This preview shows how white text looks on a background with the Hex color 3B7D8C.

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](#).

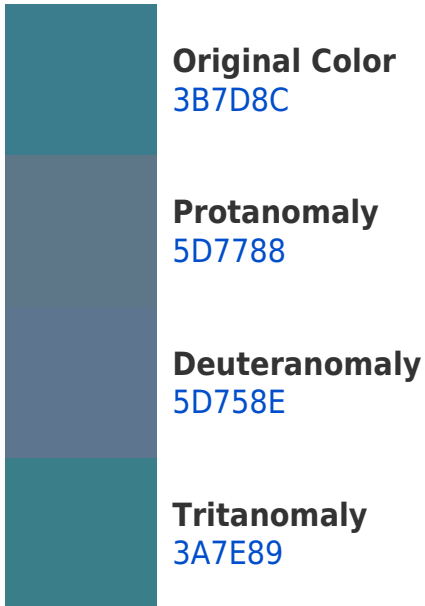
Dichromacy



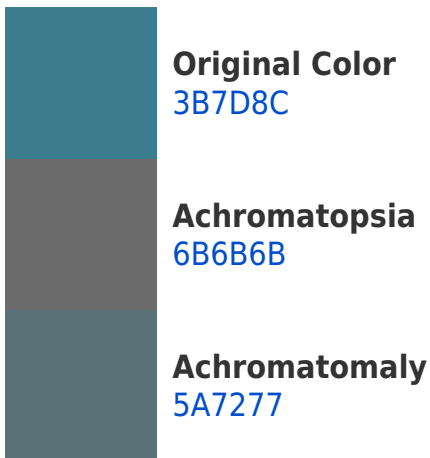


Tritanopia
397E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7D8C 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 #3B7D8C looks like.

```
.text, #text, p{  
    color:#3B7D8C  
}
```

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 #3B7D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7D8C
}
```

Border

The CSS property to change the border of an element to Hex 3B7D8C 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
#3B7D8C }
```

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

```
.border{ border-color:#3B7D8C }
```

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

Here you see how a box with a 4 pixel #3B7D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7D8C; -webkit-box-shadow:4px 4px  
4px 4px #3B7D8C; box-shadow:4px 4px 4px  
4px #3B7D8C }
```

Background

The CSS property to change the background color of an element to Hex 3B7D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7D8C }
```

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

```
.background{ background-color:#3B7D8C }
```

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