

Converting Colors

Hex(3B7E89)

Have a look what the booklet for
Hex(3B7E89) contains.

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Color

Hex(3B7E89)

Conversions

Conversions Part 1

Format	Color
Hex	3B7E89
RGB	59, 126, 137
RGB Percent	23%, 49%, 54%
CMY	0.7686, 0.5059, 0.4627
CMYK	0.57, 0.08, 0.00, 0.46
HSL	188°, 40%, 38%
HSV	188°, 57%, 54%
XYZ	13.7798, 17.6577, 26.3489
YIQ	107.2210, -43.4630, -10.7830

Conversions

Conversions Part 2

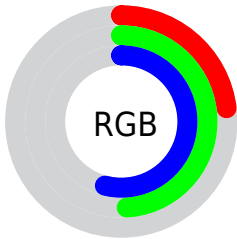
Format	Color
RYB	59, 95, 137
Decimal	3899017
CIELab	49.08, -17.84, -12.43
CIElCh	49, 21.745, 214.860
Yxy	17.6577, 0.2385, 0.3056
Android (android.graphics.Color)	4282089097 (0xFF3B7E89)
YUV	107.2210, 14.6810, -42.2898
Hunter-Lab	42.0210, -15.0017, -7.7626

Details

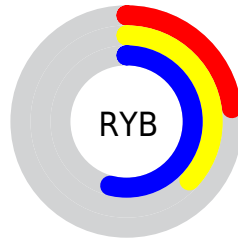
The Hex color **3B7E89** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89463B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **71B3BE**, and **004D57** is the 20% darker color. If you saturate the color by 10%, you get **2D7C89**, and if you desaturate by 10%, it is **498089**.

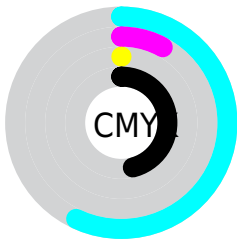
Distribution



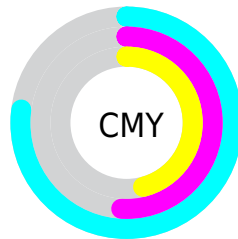
- Red (23%)
- Green (49%)
- Blue (54%)



- Red (23%)
- Yellow (37%)
- Blue (54%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (77%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7E89 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 3B7E89 by changing the saturation by 10% instead.

■ 3B7E89

■ 3B7E89

FFFFFF

■ 1D6570

■ 71B3BE

■ 004D57

■ 8DCEDA

■ 003640

■ A9EBF7

■ 00212A

■ C5FFFF

■ 000116

■ E2FFFF

■ 000000

■ 3B7E89

■ 3B7E89

■ 2D7C89

■ 498089

■ 207A89

■ 568289

■ 127889

■ 648489

■ 047689

■ 728689

■ 007689

■ 808889

■ 8D8A89

■ 9B8C89

■ A98D89

■ B68F89

Harmonies

Analogous

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



427F77



3B7E89



487B95

Triad

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



3B7E89



8F6985



7F7450

Complementary

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



3B7E89



89463B

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.



8F6E54



3B7E89



996772

Square

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



3B7E89



7B6F93



986960



6B7A56

Rectangle

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



3B7E89



587799



986960



857250

Sweetspot

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



3B7E89



94AEB3



3B8945



475759



D9D9D9



595959

Same Dimension

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



3B7E89



39A1B3



3B5889



3E4445



007285



000405

Inverse Universe

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



893B7E



B339A1



896C3B



453E44



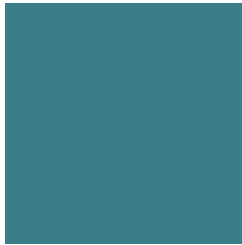
850072



050004

Previews

White Background



This preview shows how the Hex color 3B7E89 looks on a white background.

Color Contrast Check

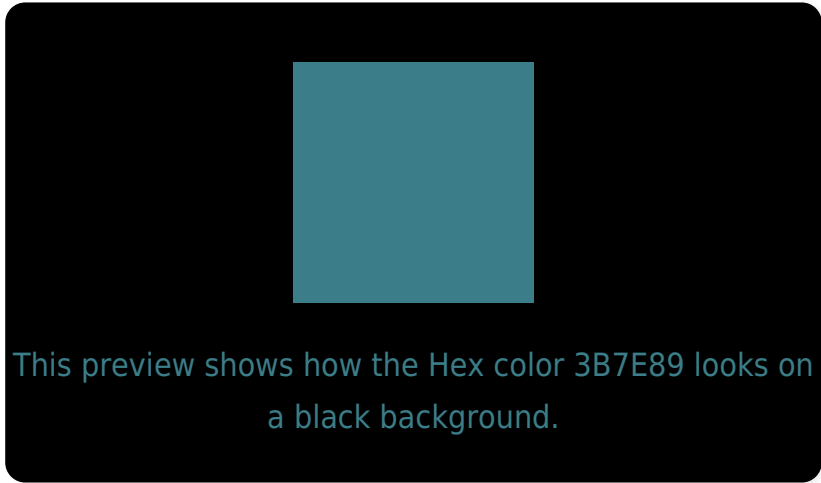
Large Text (above 18pt) WCAG AA ✓ Pass

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

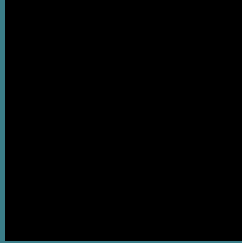
Any Text WCAG AA ✓ Pass

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 3B7E89 Background



This preview shows how black text looks on a background with the Hex color 3B7E89.

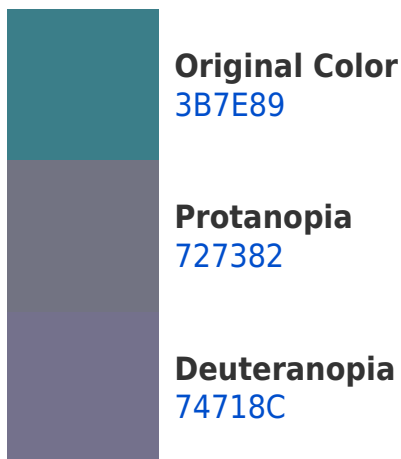


This preview shows how white text looks on a background with the Hex color 3B7E89.

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](#).

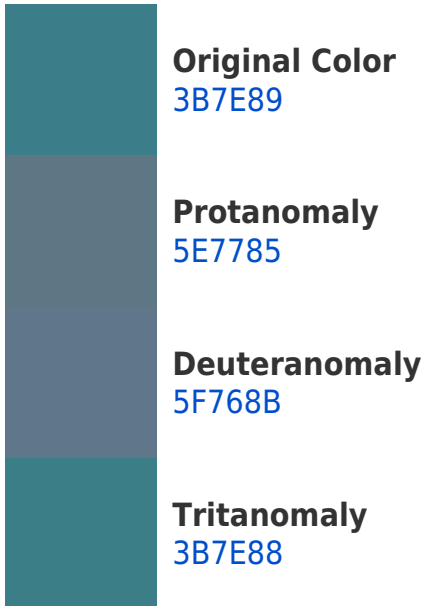
Dichromacy



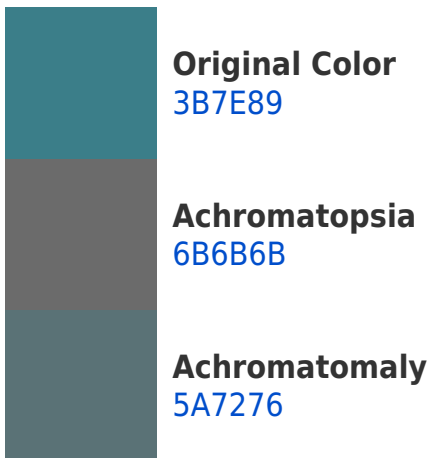


Tritanopia
3B7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7E89 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 #3B7E89 looks like.

```
.text, #text, p{  
    color:#3B7E89  
}
```

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 #3B7E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7E89
}
```

Border

The CSS property to change the border of an element to Hex 3B7E89 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
#3B7E89 }
```

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

```
.border{ border-color:#3B7E89 }
```

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

Here you see how a box with a 4 pixel #3B7E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7E89; -webkit-box-shadow:4px 4px  
4px 4px #3B7E89; box-shadow:4px 4px 4px  
4px #3B7E89 }
```

Background

The CSS property to change the background color of an element to Hex 3B7E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7E89 }
```

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

```
.background{ background-color:#3B7E89 }
```

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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