

Converting Colors

Hex(3B7878)

Have a look what the booklet for
Hex(3B7878) contains.

Hex(3B7878)	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(3B7878)

Conversions

Conversions Part 1

Format	Color
Hex	3B7878
RGB	59, 120, 120
RGB Percent	23%, 47%, 47%
CMY	0.7686, 0.5294, 0.5294
CMYK	0.51, 0.00, 0.00, 0.53
HSL	180°, 34%, 35%
HSV	180°, 51%, 47%
XYZ	11.9103, 15.7188, 20.1756
YIQ	101.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

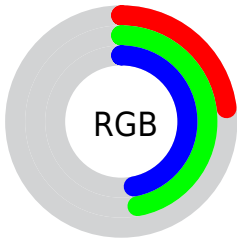
Format	Color
R_{YB}	59, 90, 120
Decimal	3897464
CIE _{Lab}	46.60, -19.64, -6.08
CIE _{LCh}	47, 20.557, 197.216
Yxy	15.7188, 0.2491, 0.3288
Android (android.graphics.Color)	4282087544 (0xFF3B7878)
YUV	101.7610, 8.9918, -37.5014
Hunter-Lab	39.6470, -15.7593, -2.4187

Details

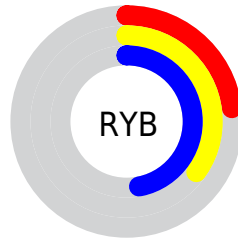
The Hex color **3B7878** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783B3B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70ADAC**, and **004748** is the 20% darker color. If you saturate the color by 10%, you get **2F7878**, and if you desaturate by 10%, it is **477878**.

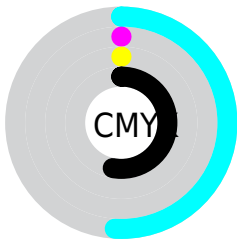
Distribution



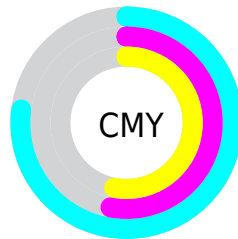
- Red (23%)
- Green (47%)
- Blue (47%)



- Red (23%)
- Yellow (35%)
- Blue (47%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7878 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 3B7878 by changing the saturation by 10% instead.

■ 3B7878

■ 3B7878

FFFFFF

■ 1F5F5F

■ 70ADAC

■ 004748

■ 8AC8C8

■ 003031

■ A6E4E4

■ 001D1C

■ C2FFFF

■ 000001

■ DEFFFF

■ 000000

■ FCFFFF

■ 3B7878

■ 3B7878

■ 2F7878

■ 477878

■ 237878

■ 537878

■ 177878

■ 5F7878

■ 0B7878

■ 6B7878

■ 007878

■ 777878

■ 837878

■ 8F7878

■ 9B7878

■ A77878

Harmonies

Analogous

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



497866



3B7878



3C7687

Triad

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



3B7878



7D6786



816B4D

Complementary

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



3B7878



783B3B

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.



8D6556



3B7878



8C6277

Square

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



3B7878



676D8F



916265



71704D

Rectangle

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



3B7878



47748E



916265



86694F

Sweetspot

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



3B7878



849C9C



3B783B



414F4F



CFCFCF



4F4F4F

Same Dimension

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



3B7878



3D9C9C



3B5A78



373D3D



007D7D



00FCFC

Inverse Universe

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



783B78



9C3D9C



785A3B



3D373D



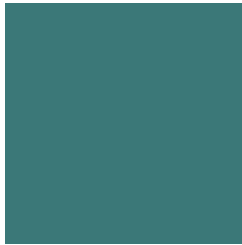
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 3B7878 looks on a white background.

Color Contrast Check

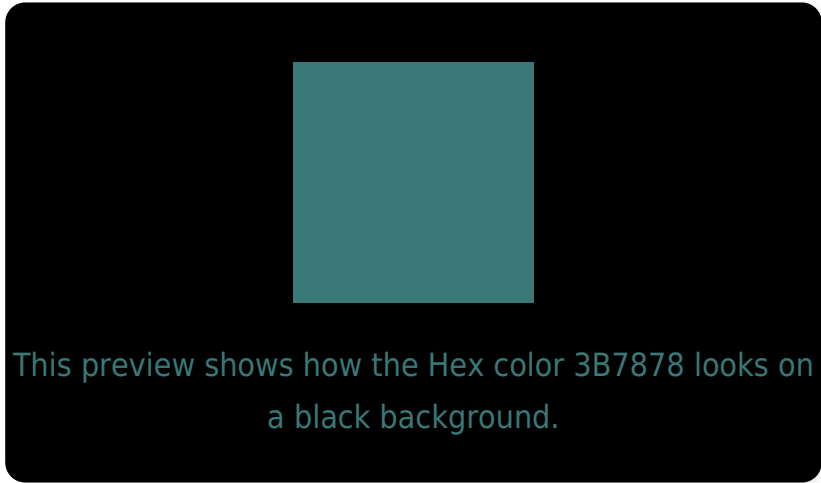
Large Text (above 18pt) WCAG AA ✓ Pass

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

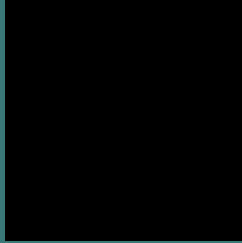
Any Text WCAG AA × Fail

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 3B7878 Background



This preview shows how black text looks on a background with the Hex color 3B7878.

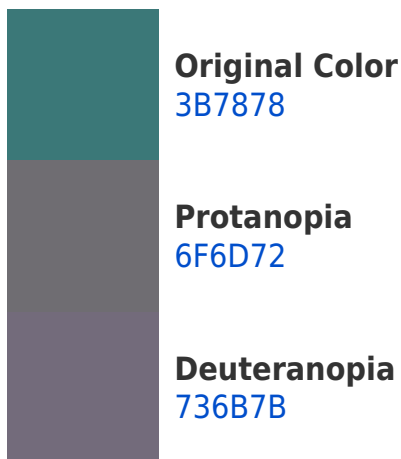


This preview shows how white text looks on a background with the Hex color 3B7878.

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](#).

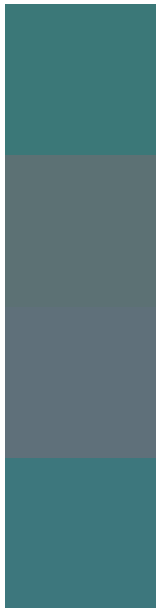
Dichromacy





Tritanopia
3E7780

Trichromacy



Original Color
3B7878

Protanomaly
5C7174

Deuteranomaly
5F707A

Tritanomaly
3D777D

Monochromacy



Original Color
3B7878

Achromatopsia
666666

Achromatomaly
566D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7878 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 #3B7878 looks like.

```
.text, #text, p{  
    color:#3B7878  
}
```

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 #3B7878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7878  
}
```

Border

The CSS property to change the border of an element to Hex 3B7878 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  
#3B7878 }
```

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

```
.border{ border-color:#3B7878 }
```

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

Here you see how a box with a 4 pixel #3B7878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7878; -webkit-box-shadow:4px 4px  
4px 4px #3B7878; box-shadow:4px 4px 4px  
4px #3B7878 }
```

Background

The CSS property to change the background color of an element to Hex 3B7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7878 }
```

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

```
.background{ background-color:#3B7878 }
```

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