

Converting Colors

Hex(307B7D)

Have a look what the booklet for
Hex(307B7D) contains.

Hex(307B7D)	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(307B7D)

Conversions

Conversions Part 1

Format	Color
Hex	307B7D
RGB	48, 123, 125
RGB Percent	19%, 48%, 49%
CMY	0.8118, 0.5176, 0.5098
CMYK	0.62, 0.02, 0.00, 0.51
HSL	182°, 45%, 34%
HSV	182°, 62%, 49%
XYZ	12.0036, 16.2750, 21.9108
YIQ	100.8030, -45.3420, -15.2780

Conversions

Conversions Part 2

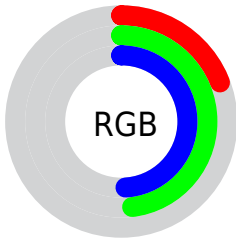
Format	Color
R _Y B	48, 86, 125
Decimal	3177341
CIE Lab	47.33, -22.13, -8.01
CIE LCh	47, 23.534, 199.887
Yxy	16.2750, 0.2392, 0.3243
Android (android.graphics.Color)	4281367421 (0xFF307B7D)
YUV	100.8030, 11.9291, -46.3082
Hunter-Lab	40.3422, -17.4875, -3.9621

Details

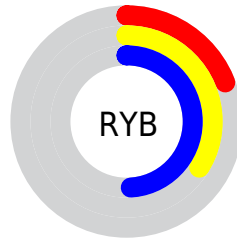
The Hex color **307B7D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D3230**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67B0B2**, and **004A4C** is the 20% darker color. If you saturate the color by 10%, you get **247B7D**, and if you desaturate by 10%, it is **3D7B7D**.

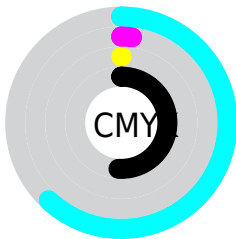
Distribution



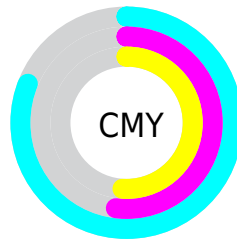
- Red (19%)
- Green (48%)
- Blue (49%)



- Red (19%)
- Yellow (34%)
- Blue (49%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307B7D 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 307B7D by changing the saturation by 10% instead.



307B7D



307B7D

FFFFFF



0C6264



67B0B2



004A4C



83CBCD



003336



9EE8E9



001F20



BBFFFF



000008



D7FFFF



000000



F5FFFF



307B7D



307B7D



247B7D



3D7B7D

■ 177A7D

■ 497C7D

■ 0B7A7D

■ 567C7D

■ 007A7D

■ 627C7D

■ 6E7D7D

■ 7B7D7D

■ 887D7D

■ 947E7D

■ A17E7D

Harmonies

Analogous

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



437B69



307B7D



32798E

Triad

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



307B7D



83678A



846D49

Complementary

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



307B7D



7D3230

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.



926653



307B7D



936278

Square

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



307B7D



6A6E95



986264



70734B

Rectangle

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



307B7D



427695



986264



8A6A4B

Sweetspot

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



307B7D



86A2A3



307D31



405152



D1D1D1



525252

Same Dimension

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



307B7D



2AA0A3



30557D



394040



007C80



000000

Inverse Universe

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



7D307B



A32AA0



7D5830



403940



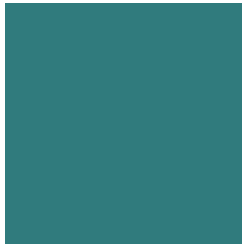
80007C



000000

Previews

White Background



This preview shows how the Hex color 307B7D looks on a white background.

Color Contrast Check

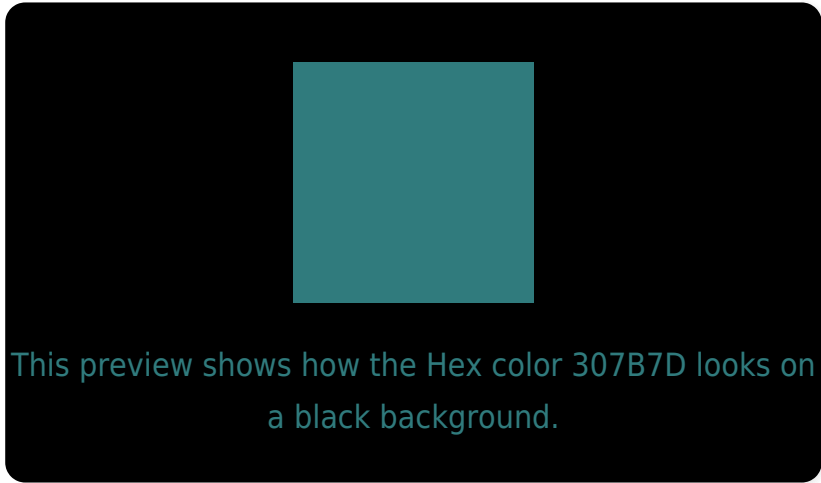
Large Text (above 18pt) WCAG AA ✓ Pass

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

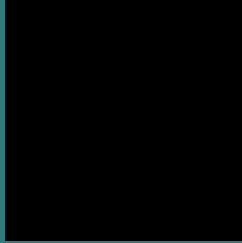
Any Text WCAG AA × Fail

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 307B7D Background



This preview shows how black text looks on a background with the Hex color 307B7D.

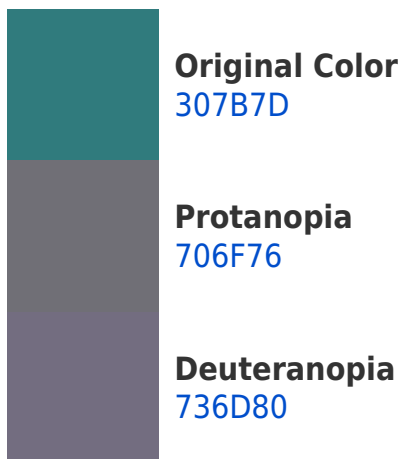


This preview shows how white text looks on a background with the Hex color 307B7D.

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
337A84

Trichromacy



Original Color
307B7D

Protanomaly
597379

Deuteranomaly
5B727F

Tritanomaly
327A81

Monochromacy



Original Color
307B7D

Achromatopsia
656565

Achromatomaly
526D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 307B7D 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 #307B7D looks like.

```
.text, #text, p{  
    color:#307B7D  
}
```

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 #307B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307B7D
}
```

Border

The CSS property to change the border of an element to Hex 307B7D 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
#307B7D }
```

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

```
.border{ border-color:#307B7D }
```

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

Here you see how a box with a 4 pixel #307B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307B7D; -webkit-box-shadow:4px 4px  
4px 4px #307B7D; box-shadow:4px 4px 4px  
4px #307B7D }
```

Background

The CSS property to change the background color of an element to Hex 307B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307B7D }
```

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

```
.background{ background-color:#307B7D }
```

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