

Converting Colors

Hex(307A9C)

Have a look what the booklet for
Hex(307A9C) contains.

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Color

Hex(307A9C)

Conversions

Conversions Part 1

Format	Color
Hex	307A9C
RGB	48, 122, 156
RGB Percent	19%, 48%, 61%
CMY	0.8118, 0.5216, 0.3882
CMYK	0.69, 0.22, 0.00, 0.39
HSL	199°, 53%, 40%
HSV	199°, 69%, 61%
XYZ	14.1792, 16.9477, 33.9764
YIQ	103.7500, -55.0180, -5.1140

Conversions

Conversions Part 2

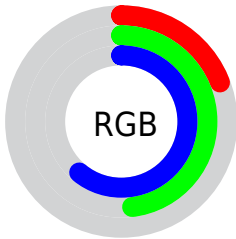
Format	Color
R_{YB}	48, 92, 156
Decimal	3177116
CIE _{Lab}	48.19, -11.52, -24.98
CIE _{LCh}	48, 27.504, 245.241
Yxy	16.9477, 0.2178, 0.2603
Android (android.graphics.Color)	4281367196 (0xFF307A9C)
YUV	103.7500, 25.7592, -48.8927
Hunter-Lab	41.1676, -10.5633, -20.1158

Details

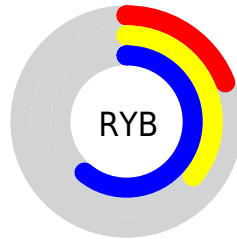
The Hex color **307A9C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C5230**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6BAED3**, and **004969** is the 20% darker color. If you saturate the color by 10%, you get **20759C**, and if you desaturate by 10%, it is **407F9C**.

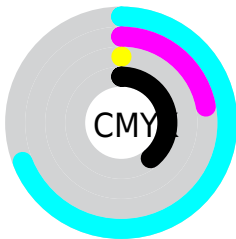
Distribution



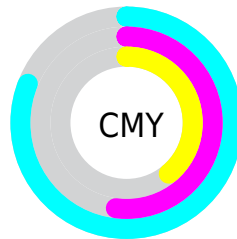
- Red (19%)
- Green (48%)
- Blue (61%)



- Red (19%)
- Yellow (36%)
- Blue (61%)



- Cyan (69%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307A9C 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 307A9C by changing the saturation by 10% instead.

■ 307A9C

■ 307A9C

FFFFFF

■ 016182

■ 6BAED3

■ 004969

■ 87CAEF

■ 003350

■ A4E6FF

■ 001E39

■ C0FFFF

■ 000224

■ DEFFFF

■ 00000B

■ FBFFFF

■ 000000

■ 307A9C

■ 307A9C

■ 20759C

■ 407F9C

■ 11709C

■ 4F849C

■ 016B9C

■ 5F899C

■ 006B9C

■ 6E8E9C

■ 7E939C

■ 8E979C

■ 9D9C9C

■ ADA19C

■ BCA69C

Harmonies

Analogous

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



147E8C



307A9C



5873A0

Triad

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



307A9C



9F606F



65794C

Complementary

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



307A9C



9C5230

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.



7E7244



307A9C



9E6359

Square

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



307A9C



936386



926A49



497D5E

Rectangle

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



307A9C



706E9C



926A49



6E7748

Sweetspot

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



307A9C



A1BFCC



309C50



4D5E66



E6E6E6



666666

Same Dimension

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



307A9C



2397CC



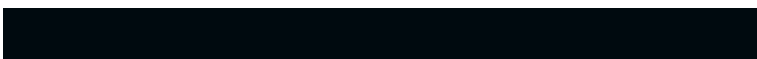
30469C



474D4F



00628F



000A0F

Inverse Universe

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



9C307A



CC2397



9C8630



4F474D



8F0062



0F000A

Previews

White Background



This preview shows how the Hex color 307A9C looks on a white background.

Color Contrast Check

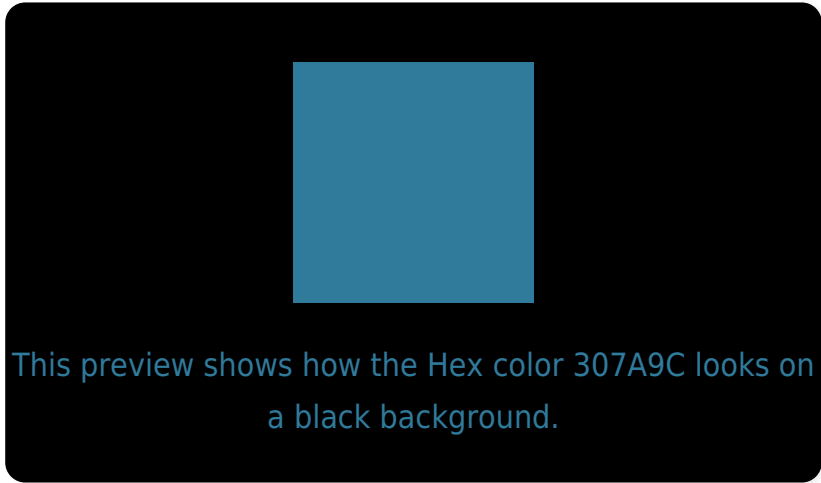
Large Text (above 18pt) WCAG AA ✓ Pass

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

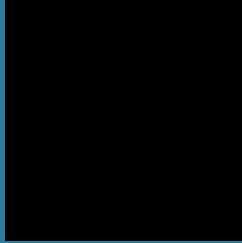
Any Text WCAG AA × Fail

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 307A9C Background



This preview shows how black text looks on a background with the Hex color 307A9C.



This preview shows how white text looks on a background with the Hex color 307A9C.

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](#).

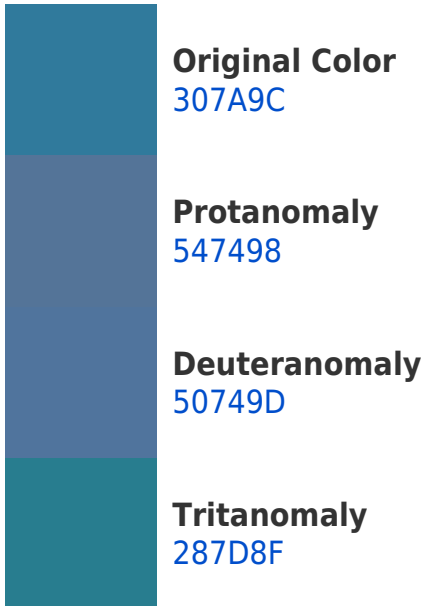
Dichromacy



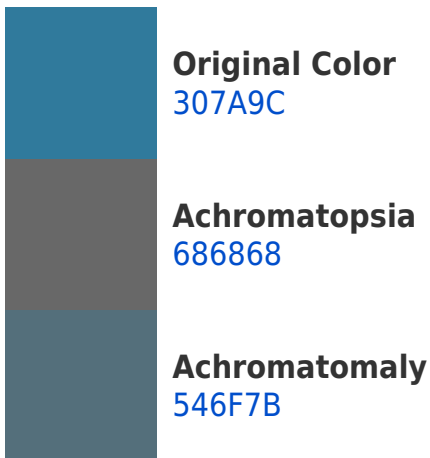


Tritanopia
237E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 307A9C 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 #307A9C looks like.

```
.text, #text, p{  
    color:#307A9C  
}
```

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 #307A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307A9C
}
```

Border

The CSS property to change the border of an element to Hex 307A9C 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
#307A9C }
```

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

```
.border{ border-color:#307A9C }
```

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

Here you see how a box with a 4 pixel #307A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307A9C; -webkit-box-shadow:4px 4px  
4px 4px #307A9C; box-shadow:4px 4px 4px  
4px #307A9C }
```

Background

The CSS property to change the background color of an element to Hex 307A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307A9C }
```

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

```
.background{ background-color:#307A9C }
```

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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