

Converting Colors

Hex(307F97)

Have a look what the booklet for
Hex(307F97) contains.

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Color

Hex(307F97)

Conversions

Conversions Part 1

Format	Color
Hex	307F97
RGB	48, 127, 151
RGB Percent	19%, 50%, 59%
CMY	0.8118, 0.5020, 0.4078
CMYK	0.68, 0.16, 0.00, 0.41
HSL	194°, 52%, 39%
HSV	194°, 68%, 59%
XYZ	14.3942, 18.0415, 32.0019
YIQ	106.1150, -54.7880, -9.2840

Conversions

Conversions Part 2

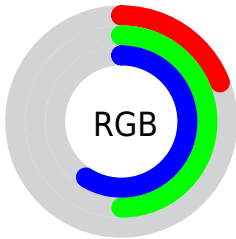
Format	Color
RYB	48, 93, 151
Decimal	3178391
CIELab	49.55, -16.01, -19.96
CIElCh	50, 25.593, 231.265
Yxy	18.0415, 0.2234, 0.2800
Android (android.graphics.Color)	4281368471 (0xFF307F97)
YUV	106.1150, 22.1283, -50.9669
Hunter-Lab	42.4753, -13.8409, -14.9378

Details

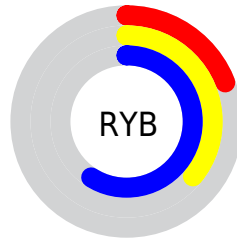
The Hex color **307F97** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **974830**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BB4CD**, and **004E64** is the 20% darker color. If you saturate the color by 10%, you get **217B97**, and if you desaturate by 10%, it is **3F8397**.

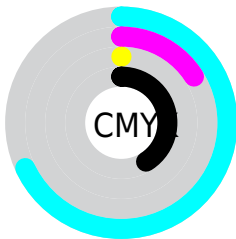
Distribution



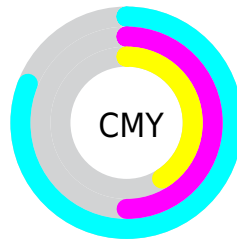
- Red (19%)
- Green (50%)
- Blue (59%)



- Red (19%)
- Yellow (36%)
- Blue (59%)



- Cyan (68%)
- Magenta (16%)
- Yellow (0%)
- Black (41%)



- Cyan (81%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307F97 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 307F97 by changing the saturation by 10% instead.

■ 307F97

■ 307F97

FFFFFF

■ 03667D

■ 6BB4CD

■ 004E64

■ 87CFE9

■ 00374C

■ A3ECFF

■ 002135

■ C0FFFF

■ 000220

■ DDFFFF

■ 000005

■ FBFFFF

■ 000000

■ 307F97

■ 307F97

■ 217B97

■ 3F8397

■ 127897

■ 4E8697

■ 037497

■ 5D8A97

■ 007497

■ 6C8D97

■ 7C9197

■ 8B9497

■ 9A9897

■ A99B97

■ B89F97

Harmonies

Analogous

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



2C8185



307F97



4E7AA0

Triad

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



307F97



9C667D



75794D

Complementary

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



307F97



974830

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.



8A724B



307F97



A16667

Square

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



307F97



8B6B91



9A6B55



5C7E5A

Rectangle

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



307F97



6575A0



9A6B55



7C774B

Sweetspot

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



307F97



9DBBC4



309746



4C5E63



E3E3E3



636363

Same Dimension

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



307F97



239FC4



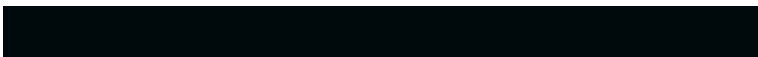
304D97



454B4D



006C8C



000A0D

Inverse Universe

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



97307F



C4239F



977A30



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 307F97 looks on a white background.

Color Contrast Check

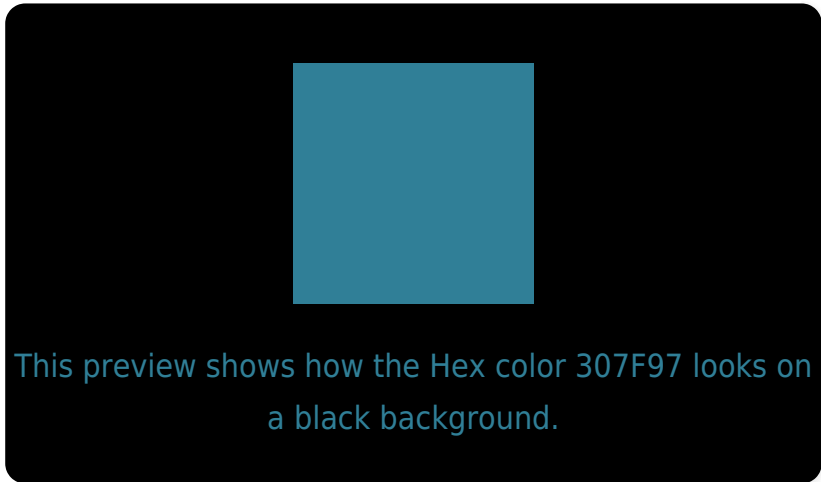
Large Text (above 18pt) WCAG AA ✓ Pass

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

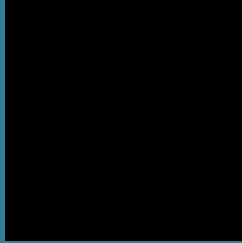
Any Text WCAG AA ✓ Pass

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 307F97 Background



This preview shows how black text looks on a background with the Hex color 307F97.

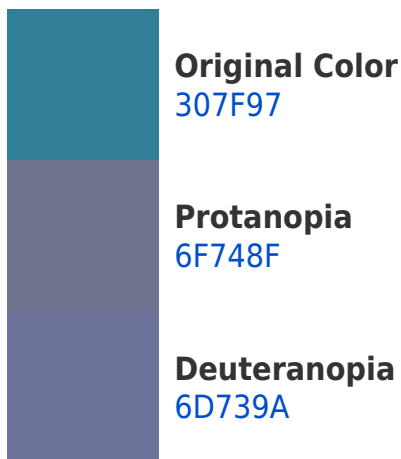


This preview shows how white text looks on a background with the Hex color 307F97.

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](#).

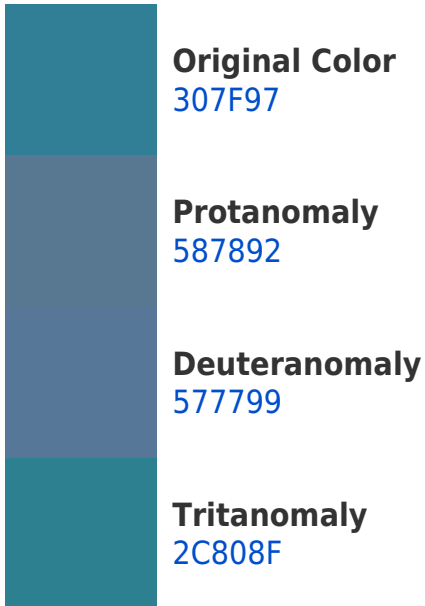
Dichromacy



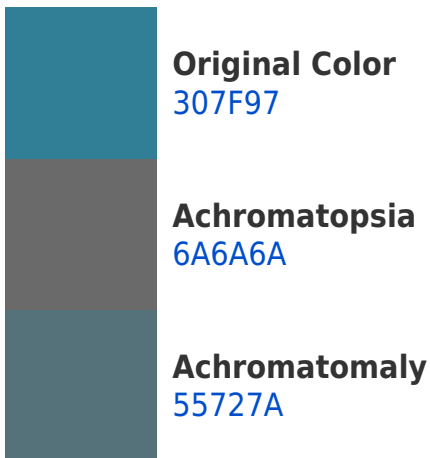


Tritanopia
29818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 307F97 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 #307F97 looks like.

```
.text, #text, p{  
    color:#307F97  
}
```

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 #307F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307F97
}
```

Border

The CSS property to change the border of an element to Hex 307F97 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
#307F97 }
```

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

```
.border{ border-color:#307F97 }
```

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

Here you see how a box with a 4 pixel #307F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307F97; -webkit-box-shadow:4px 4px  
4px 4px #307F97; box-shadow:4px 4px 4px  
4px #307F97 }
```

Background

The CSS property to change the background color of an element to Hex 307F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307F97 }
```

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

```
.background{ background-color:#307F97 }
```

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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