

Converting Colors

Hex(307AA4)

Have a look what the booklet for
Hex(307AA4) contains.

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Color

Hex(307AA4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 307AA4 |
| RGB | 48, 122, 164 |
| RGB Percent | 19%, 48%, 64% |
| CMY | 0.8118, 0.5216, 0.3569 |
| CMYK | 0.71, 0.26, 0.00, 0.36 |
| HSL | 202°, 55%, 42% |
| HSV | 202°, 71%, 64% |
| XYZ | 14.8793, 17.2278, 37.6630 |
| YIQ | 104.6620, -57.5860, -2.6260 |

Conversions

Conversions Part 2

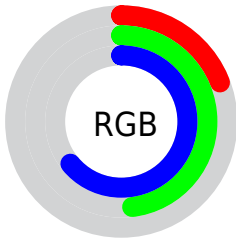
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 93, 164 |
| Decimal | 3177124 |
| CIELab | 48.55, -8.74, -29.11 |
| CIElCh | 49, 30.392, 253.287 |
| Yxy | 17.2278, 0.2133, 0.2469 |
| Android (android.graphics.Color) | 4281367204 (0xFF307AA4) |
| YUV | 104.6620, 29.2536, -49.6926 |
| Hunter-Lab | 41.5064, -8.6470, -24.7455 |

Details

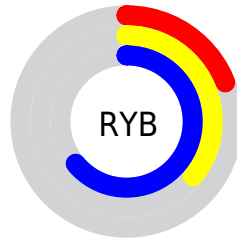
The Hex color **307AA4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A45A30**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CAEDB**, and **004A70** is the 20% darker color. If you saturate the color by 10%, you get **2074A4**, and if you desaturate by 10%, it is **4080A4**.

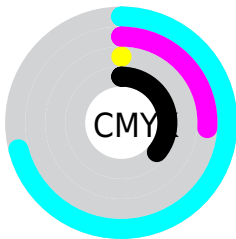
Distribution



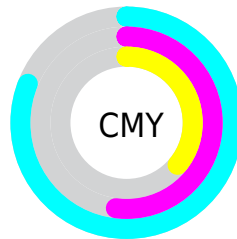
- Red (19%)
- Green (48%)
- Blue (64%)



- Red (19%)
- Yellow (36%)
- Blue (64%)



- Cyan (71%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (81%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307AA4 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 307AA4 by changing the saturation by 10% instead.



307AA4



307AA4

FFFFFF



00618A



6CAEDB



004A70



89CAF8



003357



A5E6FF



001E40



C2FFFF



00032A



E0FFFF



000114

FDFFFF



000000



307AA4



307AA4



2074A4



4080A4

0F6EA4

5186A4

0069A4

618CA4

7292A4

8298A4

929EA4

A3A4A4

B3AAA4

C4AFA4

Harmonies

Analogous

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



007F96



307AA4



6072A5

Triad

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



307AA4



A55F69



5C7C4D

Complementary

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



307AA4



A45A30

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.



797540



307AA4



A06451

Square

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



307AA4



9C6183



906D42



3A8064

Rectangle

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



307AA4



7A6C9E



906D42



667A47

Sweetspot

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



307AA4



A9C6D6



30A459



50616B



EBEBEB



6B6B6B

Same Dimension

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



307AA4



2094D6



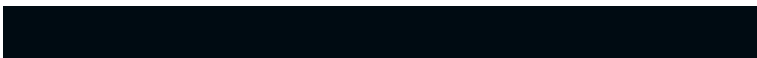
3041A4



494F52



005D91



000B12

Inverse Universe

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



A4307A



D62094



A49330



52494F



91005D



12000B

Previews

White Background



This preview shows how the Hex color 307AA4 looks on a white background.

Color Contrast Check

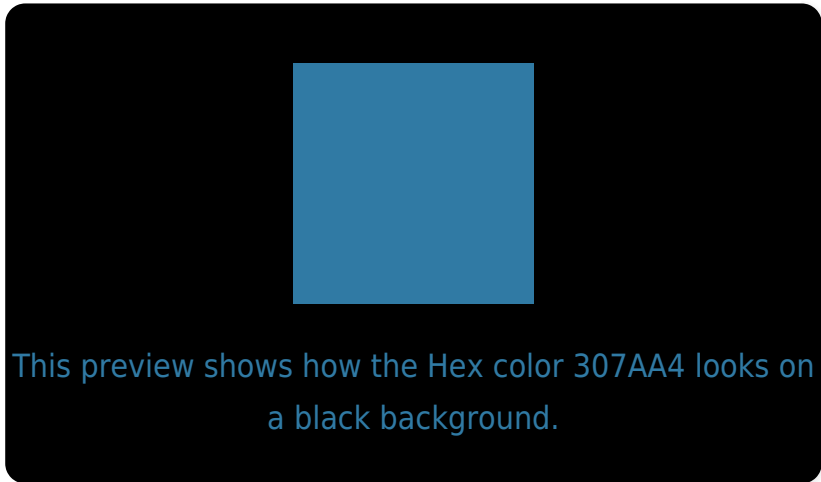
Large Text (above 18pt) WCAG AA ✓ Pass

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

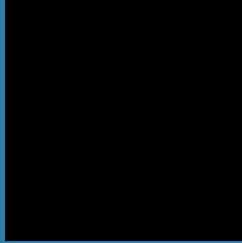
Any Text WCAG AA × Fail

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 307AA4 Background



This preview shows how black text looks on a background with the Hex color 307AA4.

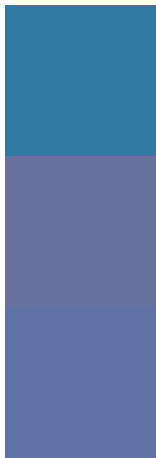


This preview shows how white text looks on a background with the Hex color 307AA4.

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



Original Color
307AA4

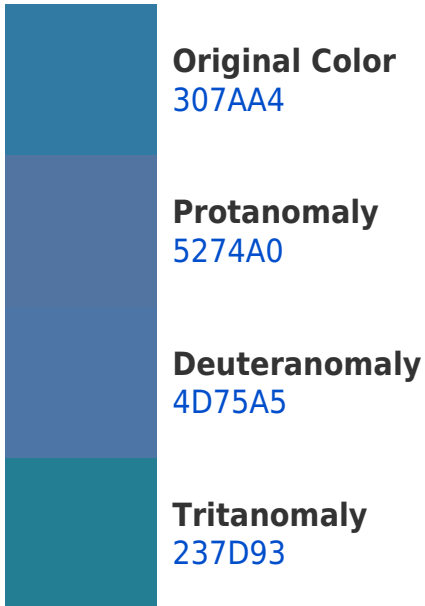
Protanopia
66719D

Deuteranopia
5E72A6



Tritanopia
1C7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 307AA4 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 #307AA4 looks like.

```
.text, #text, p{  
    color:#307AA4  
}
```

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 #307AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307AA4
}
```

Border

The CSS property to change the border of an element to Hex 307AA4 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
#307AA4 }
```

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

```
.border{ border-color:#307AA4 }
```

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

Here you see how a box with a 4 pixel #307AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307AA4; -webkit-box-shadow:4px 4px  
4px 4px #307AA4; box-shadow:4px 4px 4px  
4px #307AA4 }
```

Background

The CSS property to change the background color of an element to Hex 307AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307AA4 }
```

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

```
.background{ background-color:#307AA4 }
```

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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