

# Converting Colors

Hex(307191)

Have a look what the booklet for  
Hex(307191) contains.

<b>Hex(307191)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(307191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	307191
RGB	48, 113, 145
RGB Percent	19%, 44%, 57%
CMY	0.8118, 0.5569, 0.4314
CMYK	0.67, 0.22, 0.00, 0.43
HSL	200°, 50%, 38%
HSV	200°, 67%, 57%
XYZ	12.2349, 14.4830, 28.9387
YIQ	97.2130, -49.0120, -3.8280

# Conversions

## Conversions Part 2

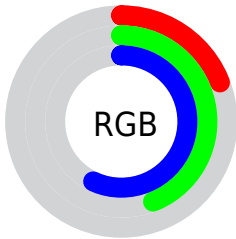
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 87, 145
Decimal	3174801
CIE <sub>Lab</sub>	44.92, -10.12, -23.56
CIE <sub>LCh</sub>	45, 25.639, 246.758
Yxy	14.4830, 0.2198, 0.2602
Android (android.graphics.Color)	4281364881 (0xFF307191)
YUV	97.2130, 23.5590, -43.1598
Hunter-Lab	38.0565, -9.2124, -18.4454

# Details

The Hex color **307191** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **915030**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **69A5C7**, and **00415E** is the 20% darker color. If you saturate the color by 10%, you get **216C91**, and if you desaturate by 10%, it is **3E7691**.

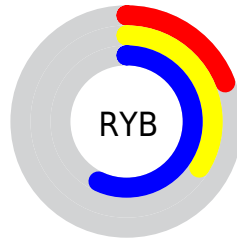
# Distribution



Red (19%)

Green (44%)

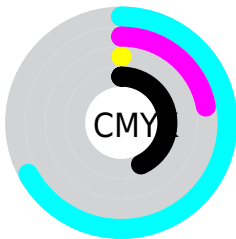
Blue (57%)



Red (19%)

Yellow (34%)

Blue (57%)

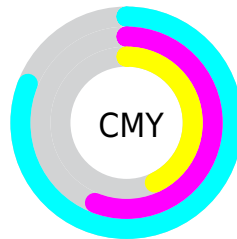


Cyan (67%)

Magenta (22%)

Yellow (0%)

Black (43%)



Cyan (81%)

Magenta (56%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 307191 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 307191 by changing the saturation by 10% instead.



■ 307191

■ 307191

FFFFFF

■ 085977

■ 69A5C7

■ 00415E

■ 85C0E3

■ 002B47

■ A1DCFF

■ 001730

■ BDF8FF

■ 00011B

■ DAFFFF

■ 000000

■ F7FFFF

■ 307191

■ 307191

■ 216C91

■ 3E7691

■ 136791

■ 4D7B91

■ 046391

■ 5B7F91

■ 006191

■ 6A8491

■ 798991

■ 878E91

■ 959291

■ A49791

■ B39C91

# Harmonies

## Analogous

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



177583



307191



546B94

# Triad

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



307191



945A66



5D7147

# Complementary

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



307191



915030

# 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.



746B3F



307191



925D52

# Square

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



307191



895C7C



876343



437459

# Rectangle

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



307191



6A6690



876343



656F43



# Sweetspot

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



307191



97B0BD



30914F



48575E



DEDEDE



5E5E5E



# Same Dimension

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



307191



268BBD



304291



404547



005B87



000508



# Inverse Universe

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



913071



BD268B



917F30



474045



87005B



080005



# Previews

## White Background



This preview shows how the Hex color 307191 looks on a white background.

### Color Contrast Check

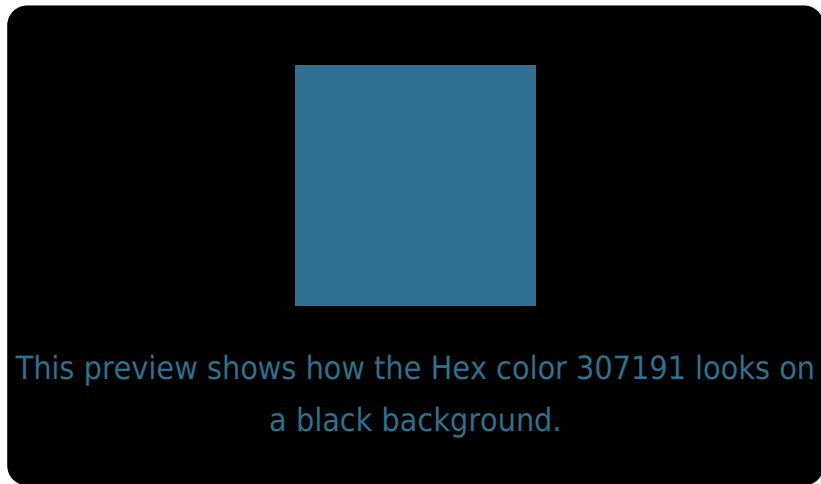
Large Text (above 18pt) WCAG AA ✓ Pass

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

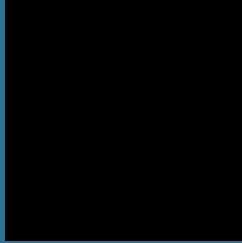
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 307191 Background



This preview shows how black text looks on a background with the Hex color 307191.

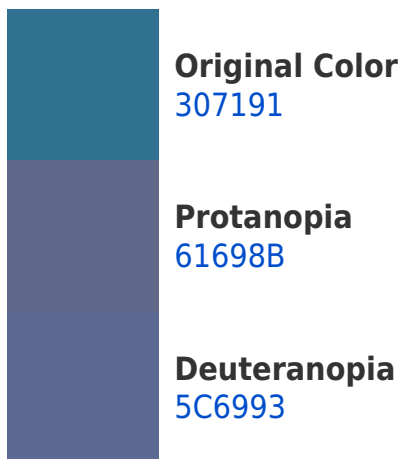


This preview shows how white text looks on a background with the Hex color 307191.

# 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](#).

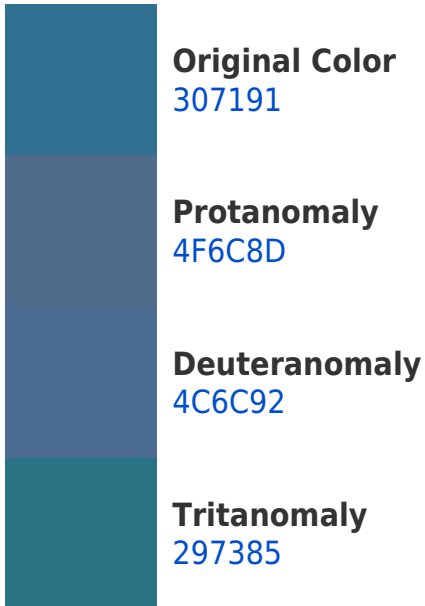
## Dichromacy





**Tritanopia**  
25747E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 307191 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 #307191 looks like.

```
.text, #text, p{  
    color:#307191  
}
```

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 #307191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307191
}
```

## Border

The CSS property to change the border of an element to Hex 307191 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
#307191 }
```

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

```
.border{ border-color:#307191 }
```

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

Here you see how a box with a 4 pixel #307191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307191; -webkit-box-shadow:4px 4px  
4px 4px #307191; box-shadow:4px 4px 4px  
4px #307191 }
```

# Background

The CSS property to change the background color of an element to Hex 307191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307191 }
```

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

```
.background{ background-color:#307191 }
```

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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