

Converting Colors

Hex(307178)

Have a look what the booklet for
Hex(307178) contains.

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Color

Hex(307178)

Conversions

Conversions Part 1

Format	Color
Hex	307178
RGB	48, 113, 120
RGB Percent	19%, 44%, 47%
CMY	0.8118, 0.5569, 0.5294
CMYK	0.60, 0.06, 0.00, 0.53
HSL	186°, 43%, 33%
HSV	186°, 60%, 47%
XYZ	10.5142, 13.7947, 19.8778
YIQ	94.3630, -40.9870, -11.6030

Conversions

Conversions Part 2

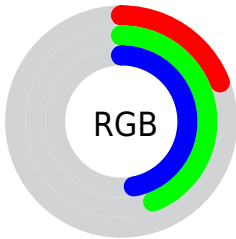
Format	Color
RYB	48, 82, 120
Decimal	3174776
CIELab	43.94, -18.33, -10.12
CIELCh	44, 20.935, 208.900
Yxy	13.7947, 0.2379, 0.3122
Android (android.graphics.Color)	4281364856 (0xFF307178)
YUV	94.3630, 12.6390, -40.6604
Hunter-Lab	37.1412, -14.4660, -5.7328




Details

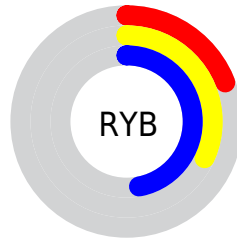
The Hex color **307178** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783730**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **66A5AC**, and **004148** is the 20% darker color. If you saturate the color by 10%, you get **247078**, and if you desaturate by 10%, it is **3C7278**.

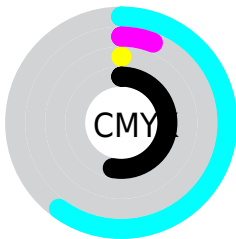
Distribution







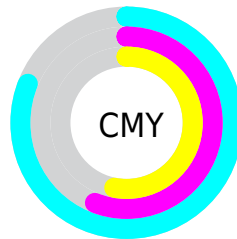
-  Red (19%)
-  Green (44%)
-  Blue (47%)






-  Red (19%)
-  Yellow (32%)
-  Blue (47%)



-  Cyan (60%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (81%)
-  Magenta (56%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307178 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 307178 by changing the saturation by 10% instead.

■ 307178

■ 307178

FFFFFF

■ 10585F

■ 66A5AC

■ 004148

■ 81C0C8

■ 002A31

■ 9CDCE4

■ 00171C

■ B8F9FF

■ 000000

■ D5FFFF

■ F2FFFF

■ 307178

■ 307178

■ 247078

■ 3C7278

■ 186F78

■ 487378

■ 0C6D78

■ 547478

■ 006C78

■ 607678

■ 6C7778

■ 787878

■ 847978

■ 907A78

■ 9C7C78

Harmonies

Analogous

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



3B7167



307178



396E85

Triad

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



307178



7D5E7A



756745

Complementary

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



307178



783730

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.



83614B



307178



895B69

Square

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



307178



696486



8A5C58



626C49

Rectangle

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



307178



486B8A



8A5C58



7A6546

Sweetspot

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



307178



80999C



307836



3E4D4F



CFCFCF



4F4F4F

Same Dimension

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



307178



2C919C



304E78



373D3D



00717D



00E4FC

Inverse Universe

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



783071



9C2C91



785A30



3D373D



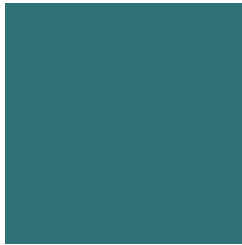
7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 307178 looks on a white background.

Color Contrast Check

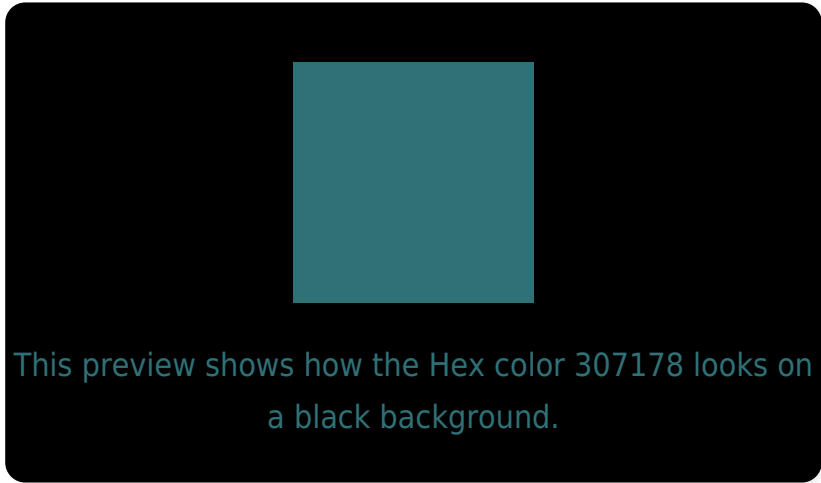
Large Text (above 18pt) WCAG AA ✓ Pass

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

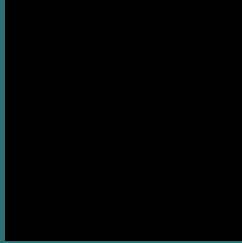
Any Text WCAG AA × Fail

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 307178 Background



This preview shows how black text looks on a background with the Hex color 307178.

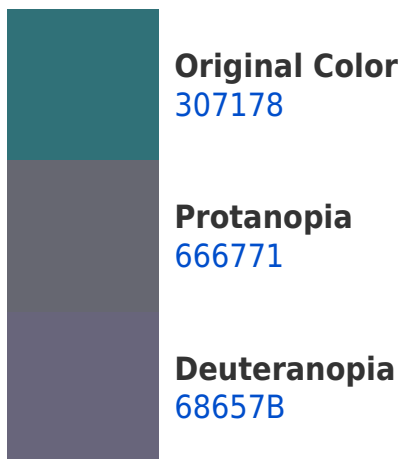


This preview shows how white text looks on a background with the Hex color 307178.

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](#).

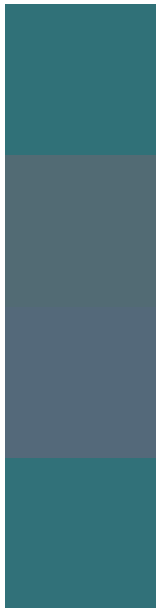
Dichromacy





Tritanopia
31717A

Trichromacy



Original Color
307178

Protanomaly
526B74

Deuteranomaly
54697A

Tritanomaly
317179

Monochromacy



Original Color
307178

Achromatopsia
5E5E5E

Achromatomaly
4D6567

CSS Examples

Text

The CSS property to change the color of the text to Hex 307178 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 #307178 looks like.

```
.text, #text, p{  
    color:#307178  
}
```

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 #307178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307178
}
```

Border

The CSS property to change the border of an element to Hex 307178 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
#307178 }
```

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

```
.border{ border-color:#307178 }
```

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

Here you see how a box with a 4 pixel #307178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307178; -webkit-box-shadow:4px 4px  
4px 4px #307178; box-shadow:4px 4px 4px  
4px #307178 }
```

Background

The CSS property to change the background color of an element to Hex 307178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307178 }
```

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

```
.background{ background-color:#307178 }
```

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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