

Converting Colors

Hex(307065)

Have a look what the booklet for
Hex(307065) contains.

Hex(307065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(307065)

Conversions

Conversions Part 1

Format	Color
Hex	307065
RGB	48, 112, 101
RGB Percent	19%, 44%, 40%
CMY	0.8118, 0.5608, 0.6039
CMYK	0.57, 0.00, 0.10, 0.56
HSL	170°, 40%, 31%
HSV	170°, 57%, 44%
XYZ	9.3621, 13.1563, 14.3579
YIQ	91.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

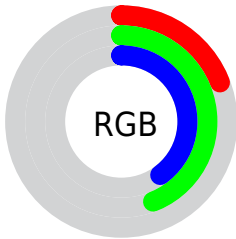
Format	Color
R_{YB}	48, 83, 112
Decimal	3174501
CIE _{Lab}	43.00, -23.39, -0.08
CIE _{LCh}	43, 23.388, 180.191
Yxy	13.1563, 0.2539, 0.3568
Android (android.graphics.Color)	4281364581 (0xFF307065)
YUV	91.6100, 4.6293, -38.2460
Hunter-Lab	36.2716, -17.4028, 1.9205

Details

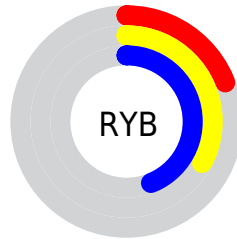
The Hex color **307065** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70303B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64A498**, and **004036** is the 20% darker color. If you saturate the color by 10%, you get **257063**, and if you desaturate by 10%, it is **3B7067**.

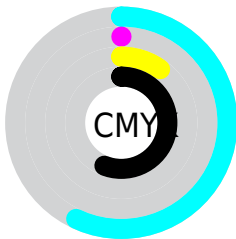
Distribution



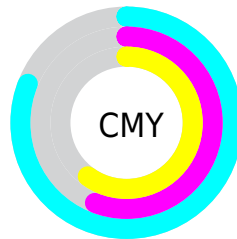
- Red (19%)
- Green (44%)
- Blue (40%)



- Red (19%)
- Yellow (33%)
- Blue (44%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (81%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 307065 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 307065 by changing the saturation by 10% instead.

 307065

 307065

FFFFFF

 13574D

 64A498

 004036

 7FBFB3

 002921

 9ADBCE

 00130B

 B6F8EA

 000000

 D2FFFF

 EFFFFFF

 307065

 307065

 257063

 3B7067

■ 1A7061

■ 467069

■ 0E705F

■ 52706B

■ 03705D

■ 5D706D

■ 00705D

■ 68706F

■ 737071

■ 7E7072

■ 8A7074

■ 957076

Harmonies

Analogous

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



476E52



307065



207078

Triad

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



307065



686187



825E45

Complementary

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



307065



70303B

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.



8B5853



307065



7E5A79

Square

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



307065



4B678C



8A5766



73643F

Rectangle

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



307065



266E83



8A5766



865C49

Sweetspot

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



307065



79918D



3C7030



3B4A47



C9C9C9



4A4A4A

Same Dimension

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



307065



2D9180



305C70



323837



007863



00F7CD

Inverse Universe

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



70303B



912D3E



704430



383233



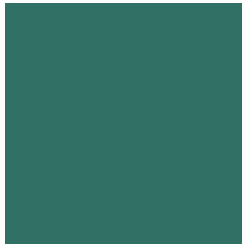
780015



F7002B

Previews

White Background



This preview shows how the Hex color 307065 looks on a white background.

Color Contrast Check

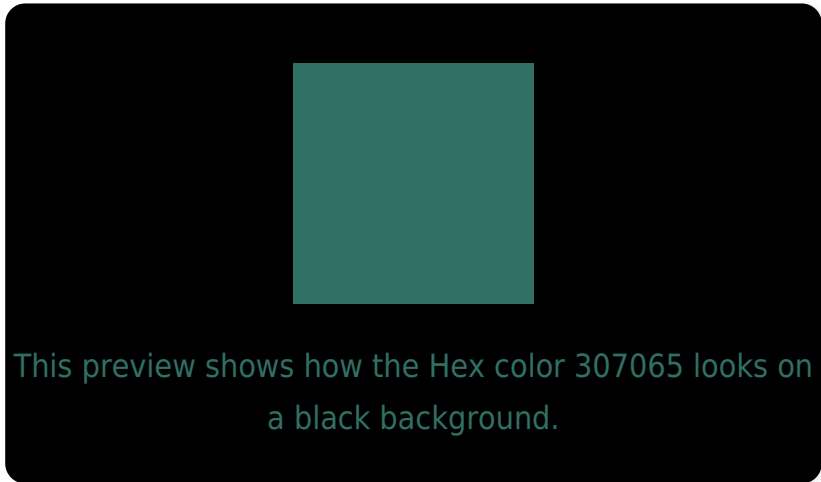
Large Text (above 18pt) WCAG AA ✓ Pass

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

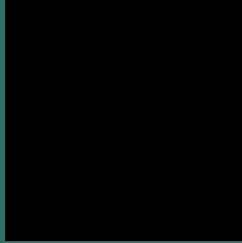
Any Text WCAG AA × Fail

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 307065 Background



This preview shows how black text looks on a background with the Hex color 307065.

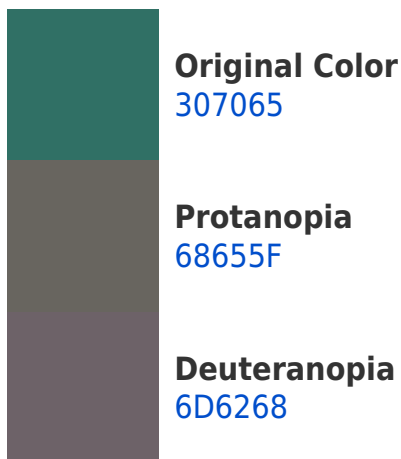



This preview shows how white text looks on a background with the Hex color 307065.

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](#).

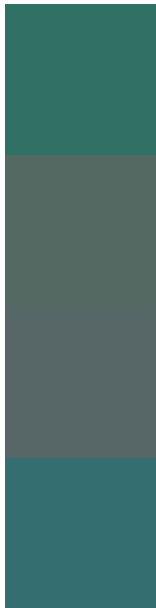
Dichromacy





Tritanopia
366D76

Trichromacy



Original Color
307065

Protanomaly
546961

Deuteranomaly
576767

Tritanomaly
346E70

Monochromacy



Original Color
307065

Achromatopsia
5C5C5C

Achromatomaly
4C635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 307065 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 #307065 looks like.

```
.text, #text, p{  
    color:#307065  
}
```

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 #307065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307065
}
```

Border

The CSS property to change the border of an element to Hex 307065 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
#307065 }
```

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

```
.border{ border-color:#307065 }
```

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

Here you see how a box with a 4 pixel #307065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307065; -webkit-box-shadow:4px 4px  
4px 4px #307065; box-shadow:4px 4px 4px  
4px #307065 }
```

Background

The CSS property to change the background color of an element to Hex 307065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307065 }
```

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

```
.background{ background-color:#307065 }
```

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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