

Converting Colors

Hex(307765)

Have a look what the booklet for
Hex(307765) contains.

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Color

Hex(307765)

Conversions

Conversions Part 1

Format	Color
Hex	307765
RGB	48, 119, 101
RGB Percent	19%, 47%, 40%
CMY	0.8118, 0.5333, 0.6039
CMYK	0.60, 0.00, 0.15, 0.53
HSL	165°, 43%, 33%
HSV	165°, 60%, 47%
XYZ	10.1647, 14.7616, 14.6255
YIQ	95.7190, -36.5380, -20.6500

Conversions

Conversions Part 2

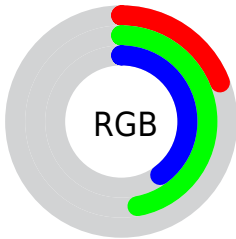
Format	Color
RYB	48, 89, 119
Decimal	3176293
CIELab	45.31, -26.92, 3.27
CIELCh	45, 27.116, 173.067
Yxy	14.7616, 0.2570, 0.3732
Android (android.graphics.Color)	4281366373 (0xFF307765)
YUV	95.7190, 2.6035, -41.8496
Hunter-Lab	38.4208, -20.0121, 4.3250

Details

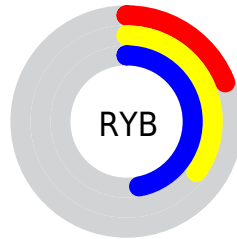
The Hex color **307765** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **773042**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **65AC98**, and **004636** is the 20% darker color. If you saturate the color by 10%, you get **247762**, and if you desaturate by 10%, it is **3C7768**.

Distribution



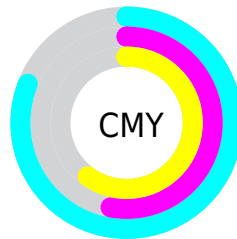
- Red (19%)
- Green (47%)
- Blue (40%)



- Red (19%)
- Yellow (35%)
- Blue (47%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 307765 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 307765 by changing the saturation by 10% instead.

 307765

 307765


FFFFFF

 115E4D

 65AC98

 004636

 80C7B3

 002F21

 9BE3CE

 001B0A

 B7FFEA

 000000

 D4FFFF

 F1FFFF

 307765

 307765

 247762

 3C7768

■ 18775F

■ 48776B

■ 0C775C

■ 54776E

■ 007759

■ 607771

■ 6B7774

■ 777777

■ 83777A

■ 8F777D

■ 9B7780

Harmonies

Analogous

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



4E744F



307765



0D777C

Triad

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



307765



666795



906048

Complementary

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



307765



773042

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.



975B5B



307765



835F87

Square

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



307765



416F98



935A71



7F683E

Rectangle

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



307765



0A7689



935A71



935E4D

Sweetspot

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



307765



809C94



437730



3E4F4B



CFCFCF



4F4F4F

Same Dimension

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



307765



2C9C7F



306677



353B39



007A5B



00FABB

Inverse Universe

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



773042



9C2C48



774130



3B3536



7A001F



FA003F

Previews

White Background



This preview shows how the Hex color 307765 looks on a white background.

Color Contrast Check

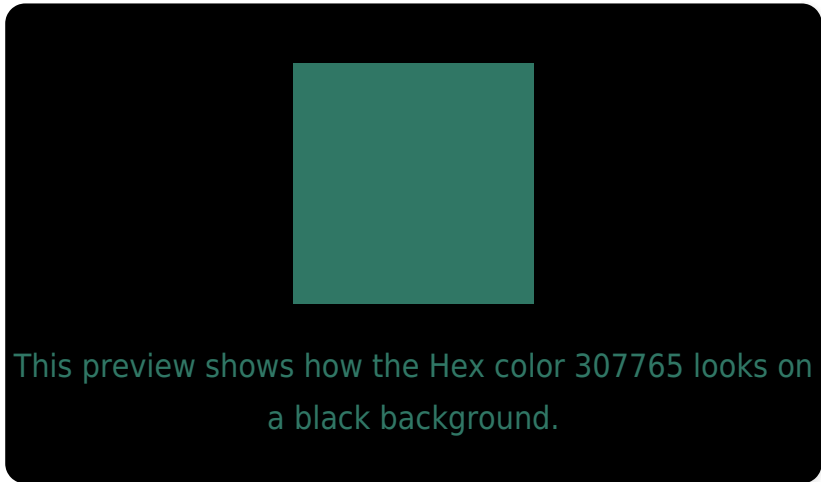
Large Text (above 18pt) WCAG AA ✓ Pass

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

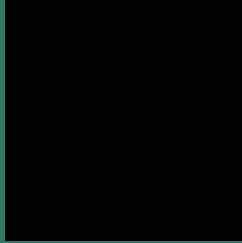
Any Text WCAG AA × Fail

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 307765 Background



This preview shows how black text looks on a background with the Hex color 307765.

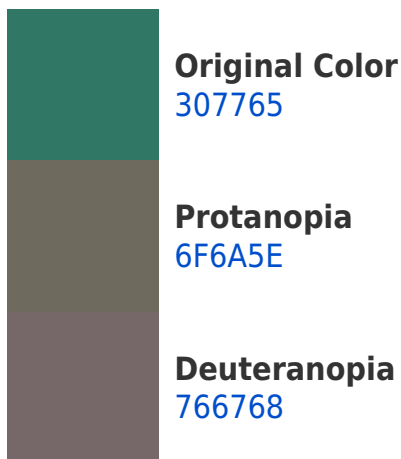


This preview shows how white text looks on a background with the Hex color 307765.

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
39747D

Trichromacy



Original Color
307765

Protanomaly
586F61

Deuteranomaly
5D6D67

Tritanomaly
367574

Monochromacy



Original Color
307765

Achromatopsia
606060

Achromatomaly
4F6862

CSS Examples

Text

The CSS property to change the color of the text to Hex 307765 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 #307765 looks like.

```
.text, #text, p{  
    color:#307765  
}
```

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 #307765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307765
}
```

Border

The CSS property to change the border of an element to Hex 307765 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
#307765 }
```

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

```
.border{ border-color:#307765 }
```

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

Here you see how a box with a 4 pixel #307765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307765; -webkit-box-shadow:4px 4px  
4px 4px #307765; box-shadow:4px 4px 4px  
4px #307765 }
```

Background

The CSS property to change the background color of an element to Hex 307765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307765 }
```

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

```
.background{ background-color:#307765 }
```

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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