

Converting Colors

Hex(307260)

Have a look what the booklet for
Hex(307260) contains.

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Color

Hex(307260)

Conversions

Conversions Part 1

Format	Color
Hex	307260
RGB	48, 114, 96
RGB Percent	19%, 45%, 38%
CMY	0.8118, 0.5529, 0.6235
CMYK	0.58, 0.00, 0.16, 0.55
HSL	164°, 41%, 32%
HSV	164°, 58%, 45%
XYZ	9.3476, 13.5075, 13.1809
YIQ	92.2140, -33.5580, -19.5900

Conversions

Conversions Part 2

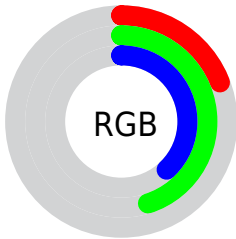
Format	Color
RYB	48, 86, 114
Decimal	3175008
CIELab	43.52, -25.75, 3.68
CIELCh	44, 26.012, 171.865
Yxy	13.5075, 0.2594, 0.3748
Android (android.graphics.Color)	4281365088 (0xFF307260)
YUV	92.2140, 1.8665, -38.7757
Hunter-Lab	36.7526, -18.9178, 4.4632

Details

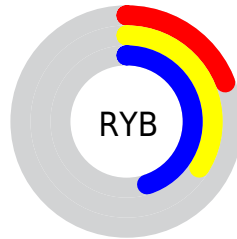
The Hex color **307260** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **723042**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64A692**, and **004132** is the 20% darker color. If you saturate the color by 10%, you get **25725D**, and if you desaturate by 10%, it is **3B7263**.

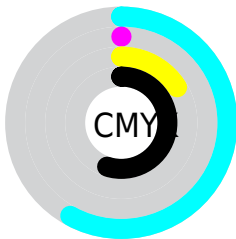
Distribution



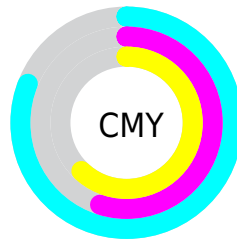
- Red (19%)
- Green (45%)
- Blue (38%)



- Red (19%)
- Yellow (34%)
- Blue (45%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (81%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color 307260 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 307260 by changing the saturation by 10% instead.

 307260

 307260

FFFFFF

 135948

 64A692

 004132

 7FC2AD

 002B1D

 9ADEC8

 001503

 B6FAE4

 000000

 D2FFFF

 EFFFFFF

 307260

 307260

 25725D

 3B7263

■ 19725A

■ 477266

■ 0E7257

■ 527269

■ 027254

■ 5E726C

■ 007253

■ 697270

■ 747273

■ 807276

■ 8B7279

■ 97727C

Harmonies

Analogous

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



4C6F4B



307260



117276

Triad

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



307260



61638F



8A5C46

Complementary

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



307260



723042

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.



915758



307260



7C5C82

Square

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



307260



3D6B91



8D576E



7A643C

Rectangle

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



307260



0D7183



8D576E



8D5A4B

Sweetspot

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



307260



7B948D



437230



3B4A46



C9C9C9



4A4A4A

Same Dimension

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



307260



2E9478



306472



323837



007857



00F7B4

Inverse Universe

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



723042



942E4A



723E30



383234



780021



F70043

Previews

White Background



This preview shows how the Hex color 307260 looks on a white background.

Color Contrast Check

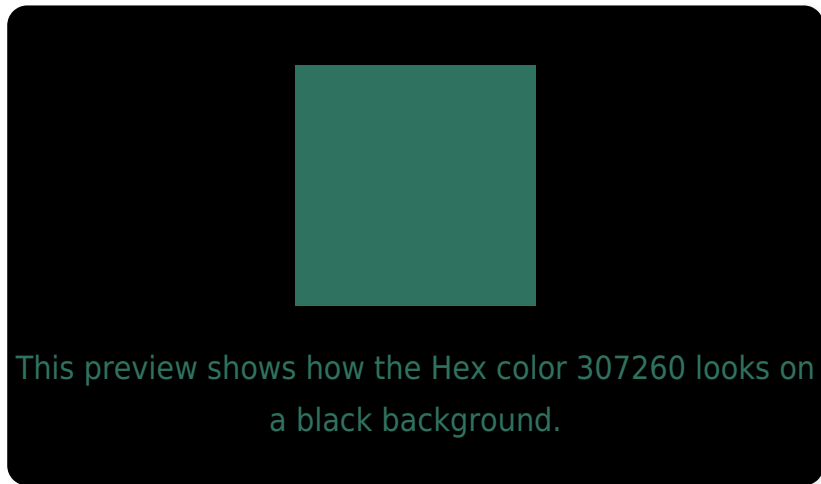
Large Text (above 18pt) WCAG AA ✓ Pass

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

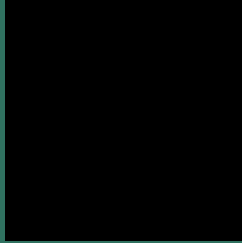
Any Text WCAG AA × Fail

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 307260 Background



This preview shows how black text looks on a background with the Hex color 307260.



This preview shows how white text looks on a background with the Hex color 307260.

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
307260

Protanopia
6B665A

Deuteranopia
716363



Tritanopia
386F78

Trichromacy



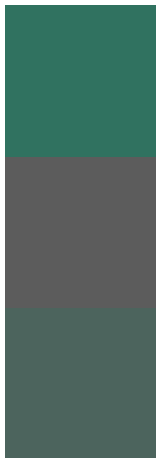
Original Color
307260

Protanomaly
566A5C

Deuteranomaly
596862

Tritanomaly
35706F

Monochromacy



Original Color
307260

Achromatopsia
5C5C5C

Achromatomaly
4C645D

CSS Examples

Text

The CSS property to change the color of the text to Hex 307260 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 #307260 looks like.

```
.text, #text, p{  
    color:#307260  
}
```

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 #307260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307260
}
```

Border

The CSS property to change the border of an element to Hex 307260 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
#307260 }
```

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

```
.border{ border-color:#307260 }
```

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

Here you see how a box with a 4 pixel #307260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307260; -webkit-box-shadow:4px 4px  
4px 4px #307260; box-shadow:4px 4px 4px  
4px #307260 }
```

Background

The CSS property to change the background color of an element to Hex 307260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307260 }
```

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

```
.background{ background-color:#307260 }
```

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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