

Converting Colors

Hex(307722)

Have a look what the booklet for
Hex(307722) contains.

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Color

Hex(307722)

Conversions

Conversions Part 1

Format	Color
Hex	307722
RGB	48, 119, 34
RGB Percent	19%, 47%, 13%
CMY	0.8118, 0.5333, 0.8667
CMYK	0.60, 0.00, 0.71, 0.53
HSL	110°, 56%, 30%
HSV	110°, 71%, 47%
XYZ	8.1045, 13.9375, 3.7764
YIQ	88.0810, -15.0310, -41.4870

Conversions

Conversions Part 2

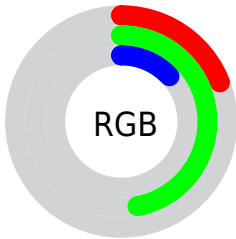
Format	Color
RYB	34, 119, 105
Decimal	3176226
CIELab	44.14, -39.17, 38.47
CIELCh	44, 54.900, 135.512
Yxy	13.9375, 0.3139, 0.5398
Android (android.graphics.Color)	4281366306 (0xFF307722)
YUV	88.0810, -26.6619, -35.1510
Hunter-Lab	37.3330, -26.5828, 20.1356

Details

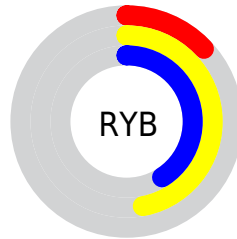
The Hex color **307722** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **692277**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **66AC53**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **267716**, and if you desaturate by 10%, it is **3A772E**.

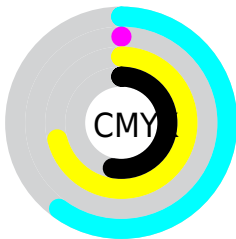
Distribution



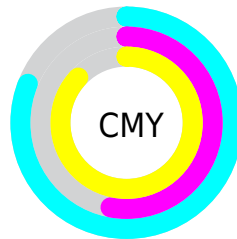
- Red (19%)
- Green (47%)
- Blue (13%)



- Red (13%)
- Yellow (47%)
- Blue (41%)



- Cyan (60%)
- Magenta (0%)
- Yellow (71%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307722 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 307722 by changing the saturation by 10% instead.



307722



307722

FFFFFF



0F5E06



66AC53



004500



81C86D



002E00



9DE487



001700



B9FFA2



000000



D6FFBD



F3FFD9



FFFFFF6



307722



307722

■ 267716

■ 3A772E

■ 1C770A

■ 44773A

■ 147700

■ 4E7746

■ 587752

■ 62775E

■ 6C7769

■ 767775

■ 807781

■ 89778D

Harmonies

Analogous

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



686E00



307722



007C50

Triad

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



307722



0074C1



B93953

Complementary

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



307722



692277

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.



AF3D80



307722



3266C1

Square

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



307722



007BA9



8851A9



AD4A28

Rectangle

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



307722



007D70



8851A9



B93862

Sweetspot

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



307722



809C7B



776922



3F4F3B



CFCFCF



4F4F4F

Same Dimension

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



307722



2C9C16



22773E



363B35



147A00



29FA00

Inverse Universe

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



692277



86169C



77225B



3A353B



66007A



D100FA

Previews

White Background



This preview shows how the Hex color 307722 looks on a white background.

Color Contrast Check

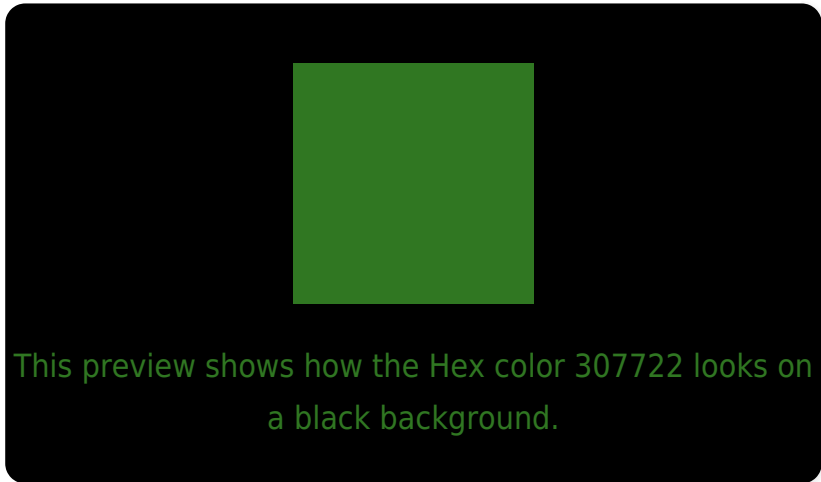
Large Text (above 18pt) WCAG AA ✓ Pass

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 307722 Background



This preview shows how black text looks on a background with the Hex color 307722.



This preview shows how white text looks on a background with the Hex color 307722.

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
307722

Protanopia
74681E

Deuteranopia
816329



Tritanopia
426F78

Trichromacy



Original Color
307722

Protanomaly
5B6D1F

Deuteranomaly
646A26

Tritanomaly
3B7259

Monochromacy



Original Color
307722

Achromatopsia
585858

Achromatomaly
496344

CSS Examples

Text

The CSS property to change the color of the text to Hex 307722 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 #307722 looks like.

```
.text, #text, p{  
    color:#307722  
}
```

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 #307722 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307722
}
```

Border

The CSS property to change the border of an element to Hex 307722 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
#307722 }
```

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

```
.border{ border-color:#307722 }
```

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

Here you see how a box with a 4 pixel #307722 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307722; -webkit-box-shadow:4px 4px  
4px 4px #307722; box-shadow:4px 4px 4px  
4px #307722 }
```

Background

The CSS property to change the background color of an element to Hex 307722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307722 }
```

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

```
.background{ background-color:#307722 }
```

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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