

Converting Colors

Hex(307C2F)

Have a look what the booklet for
Hex(307C2F) contains.

Hex(307C2F)	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(307C2F)

Conversions

Conversions Part 1

Format	Color
Hex	307C2F
RGB	48, 124, 47
RGB Percent	19%, 49%, 18%
CMY	0.8118, 0.5137, 0.8157
CMYK	0.61, 0.00, 0.62, 0.51
HSL	119°, 45%, 34%
HSV	119°, 62%, 49%
XYZ	8.9397, 15.2489, 5.1615
YIQ	92.4980, -20.5790, -40.0590

Conversions

Conversions Part 2

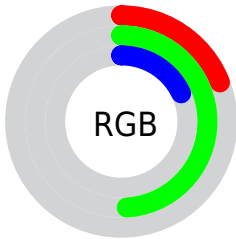
Format	Color
RYB	47, 124, 123
Decimal	3177519
CIELab	45.97, -39.74, 34.47
CIELCh	46, 52.605, 139.064
Yxy	15.2489, 0.3046, 0.5196
Android (android.graphics.Color)	4281367599 (0xFF307C2F)
YUV	92.4980, -22.4305, -39.0247
Hunter-Lab	39.0499, -27.4733, 19.4981

Details

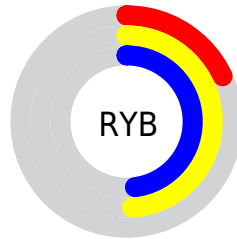
The Hex color **307C2F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B2F7C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **67B160**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **247C23**, and if you desaturate by 10%, it is **3C7C3B**.

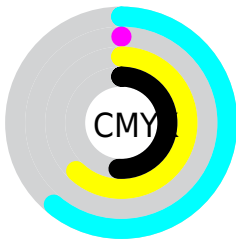
Distribution



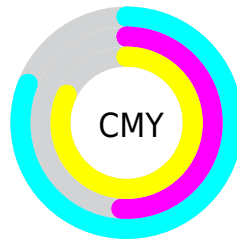
- Red (19%)
- Green (49%)
- Blue (18%)



- Red (18%)
- Yellow (49%)
- Blue (48%)



- Cyan (61%)
- Magenta (0%)
- Yellow (62%)
- Black (51%)



- Cyan (81%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307C2F 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 307C2F by changing the saturation by 10% instead.



307C2F



307C2F

FFFFFF



0E6317



67B160



004A00



82CD79



003200



9DEA94



001D00



B9FFAF



000000



D6FFCA



F3FFE7



307C2F



307C2F



247C23



3C7C3B

■ 187C16

■ 487C48

■ 0B7C0A

■ 557C54

■ 027C00

■ 617C61

■ 6D7C6D

■ 797C79

■ 867C86

■ 927C92

■ 9E7C9F

Harmonies

Analogous

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



687308



307C2F



00805B

Triad

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



307C2F



0077C4



BC4353

Complementary

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



307C2F



7B2F7C

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.



B4437F



307C2F



4C68C1

Square

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



307C2F



007FAF



9254A7



AE532B

Rectangle

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



307C2F



008179



9254A7



BC4161

Sweetspot

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



307C2F



83A182



7C7B2F



3F523F



D1D1D1



525252

Same Dimension

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



307C2F



2AA128



2F7C54



373D37



027D00



03FC00

Inverse Universe

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



7B2F7C



9F28A1



7C2F57



3D373D



7B007D



F900FC

Previews

White Background



This preview shows how the Hex color 307C2F looks on a white background.

Color Contrast Check

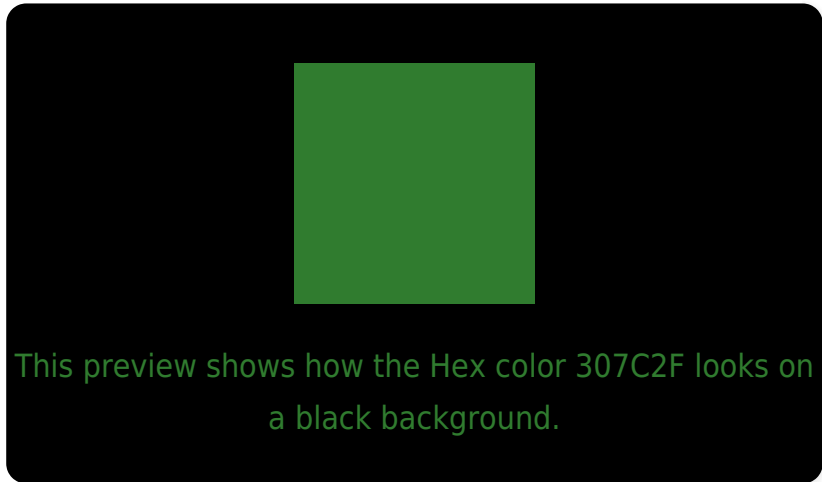
Large Text (above 18pt) WCAG AA ✓ Pass

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

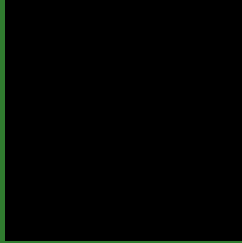
Any Text WCAG AA × Fail

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 307C2F Background



This preview shows how black text looks on a background with the Hex color 307C2F.



This preview shows how white text looks on a background with the Hex color 307C2F.

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
307C2F

Protanopia
796C2A

Deuteranopia
856735



Tritanopia
43747E

Trichromacy



Original Color
307C2F



Protanomaly
5E722C



Deuteranomaly
666F33



Tritanomaly
3C7761

Monochromacy



Original Color
307C2F



Achromatopsia
5C5C5C



Achromatomaly
4C684C

CSS Examples

Text

The CSS property to change the color of the text to Hex 307C2F 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 #307C2F looks like.

```
.text, #text, p{  
    color:#307C2F  
}
```

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 #307C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307C2F
}
```

Border

The CSS property to change the border of an element to Hex 307C2F 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
#307C2F }
```

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

```
.border{ border-color:#307C2F }
```

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

Here you see how a box with a 4 pixel #307C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307C2F; -webkit-box-shadow:4px 4px  
4px 4px #307C2F; box-shadow:4px 4px 4px  
4px #307C2F }
```

Background

The CSS property to change the background color of an element to Hex 307C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307C2F }
```

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

```
.background{ background-color:#307C2F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor