

Converting Colors

Hex(307B2D)

Have a look what the booklet for
Hex(307B2D) contains.

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Color

Hex(307B2D)

Conversions

Conversions Part 1

Format	Color
Hex	307B2D
RGB	48, 123, 45
RGB Percent	19%, 48%, 18%
CMY	0.8118, 0.5176, 0.8235
CMYK	0.61, 0.00, 0.63, 0.52
HSL	118°, 46%, 33%
HSV	118°, 63%, 48%
XYZ	8.7755, 14.9838, 4.9123
YIQ	91.6830, -19.6620, -40.1580

Conversions

Conversions Part 2

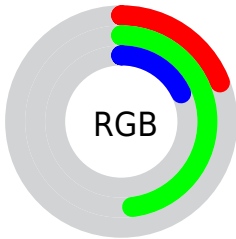
Format	Color
RYB	45, 123, 120
Decimal	3177261
CIELab	45.61, -39.58, 35.03
CIELCh	46, 52.857, 138.492
Yxy	14.9838, 0.3061, 0.5226
Android (android.graphics.Color)	4281367341 (0xFF307B2D)
YUV	91.6830, -23.0147, -38.3100
Hunter-Lab	38.7089, -27.2735, 19.5721

Details

The Hex color **307B2D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **782D7B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **67B05E**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **247B21**, and if you desaturate by 10%, it is **3C7B39**.

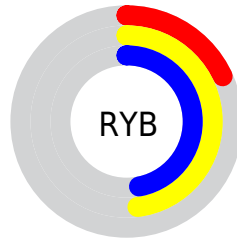
Distribution



Red (19%)

Green (48%)

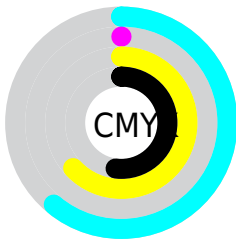
Blue (18%)



Red (18%)

Yellow (48%)

Blue (47%)

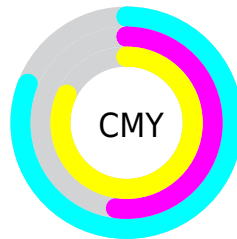


Cyan (61%)

Magenta (0%)

Yellow (63%)

Black (52%)



Cyan (81%)

Magenta (52%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307B2D 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 307B2D by changing the saturation by 10% instead.

 307B2D

 307B2D

FFFFFF

 0F6214

 67B05E

 004900

 82CC77

 003200

 9DE892

 001C00

 B9FFAD

 000000

 D6FFC8

 F3FFE5

 307B2D

 307B2D

 247B21

 3C7B39

■ 187B14

■ 487B46

■ 0D7B08

■ 537B52

■ 057B00

■ 5F7B5E

■ 6B7B6B

■ 777B77

■ 837B83

■ 8F7B8F

■ 9A7B9C

Harmonies

Analogous

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



687204



307B2D



007F59

Triad

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



307B2D



0076C3



BB4153

Complementary

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



307B2D



782D7B

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.



B3427F



307B2D



4867C0

Square

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



307B2D



007EAE



9054A7



AD512A

Rectangle

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



307B2D



008178



9054A7



BB3F61

Sweetspot

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



307B2D



83A182



7B772D



40523F



D1D1D1



525252

Same Dimension

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



307B2D



2BA127



2D7B50



373D37



057D00



0AFC00

Inverse Universe

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



782D7B



9C27A1



7B2D58



3D373D



78007D



F300FC

Previews

White Background



This preview shows how the Hex color 307B2D looks on a white background.

Color Contrast Check

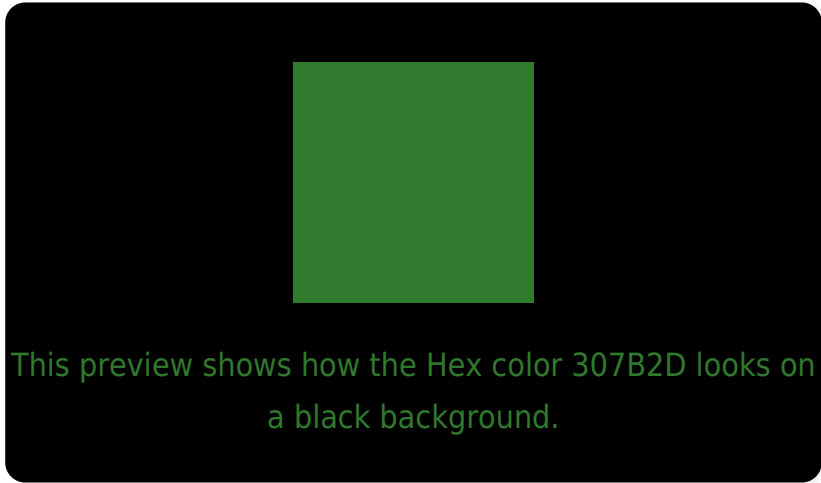
Large Text (above 18pt) WCAG AA ✓ Pass

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

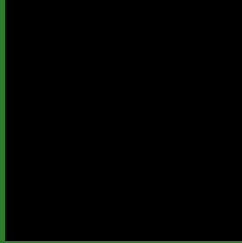
Any Text WCAG AA × Fail

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 307B2D Background



This preview shows how black text looks on a background with the Hex color 307B2D.



This preview shows how white text looks on a background with the Hex color 307B2D.

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
307B2D

Protanopia
786C29

Deuteranopia
846633



Tritanopia
43737C

Trichromacy



Original Color
307B2D

Protanomaly
5E712A

Deuteranomaly
656E31

Tritanomaly
3C765F

Monochromacy



Original Color
307B2D

Achromatopsia
5C5C5C

Achromatomaly
4C674B

CSS Examples

Text

The CSS property to change the color of the text to Hex 307B2D 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 #307B2D looks like.

```
.text, #text, p{  
    color:#307B2D  
}
```

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 #307B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307B2D
}
```

Border

The CSS property to change the border of an element to Hex 307B2D 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
#307B2D }
```

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

```
.border{ border-color:#307B2D }
```

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

Here you see how a box with a 4 pixel #307B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307B2D; -webkit-box-shadow:4px 4px  
4px 4px #307B2D; box-shadow:4px 4px 4px  
4px #307B2D }
```

Background

The CSS property to change the background color of an element to Hex 307B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307B2D }
```

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

```
.background{ background-color:#307B2D }
```

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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