

Converting Colors

Hex(300002)

Have a look what the booklet for
Hex(300002) contains.

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Color

Hex(300002)

Conversions

Conversions Part 1

Format	Color
Hex	300002
RGB	48, 0, 2
RGB Percent	19%, 0%, 1%
CMY	0.8118, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.96, 0.81
HSL	358°, 100%, 9%
HSV	358°, 100%, 19%
XYZ	1.2299, 0.6328, 0.1147
YIQ	14.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

Format	Color
RYB	48, 0, 2
Decimal	3145730
CIELab	5.72, 23.78, 8.21
CIELCh	6, 25.161, 19.052
Yxy	0.6328, 0.6220, 0.3200
Android (android.graphics.Color)	4281335810 (0xFF300002)
YUV	14.5800, -6.2019, 29.3093
Hunter-Lab	7.9546, 13.6776, 4.7130

Details

The Hex color **300002** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00302E**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **612D31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300002**, and if you desaturate by 10%, it is **300507**.

Distribution



Red (19%)

Green (0%)

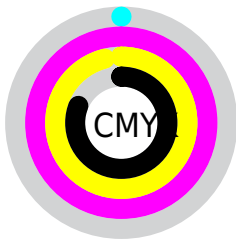
Blue (1%)



Red (19%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (81%)



Cyan (81%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300002 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 300002 by changing the saturation by 10% instead.

 300002

 300002

 FFE2E4

 0D0000

 612D31

 000000

 7B4448

 965D60

 B17678

 CE9092

 EAAAAC

 FFC6C8

 300002

■ 300507

■ 300A0B

■ 300E10

■ 301314

■ 301819

■ 301D1E

■ 302222

■ 302627

■ 302B2B

Harmonies

Analogous

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



2D001A



300002



2A0700

Triad

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



300002



001A00



001733

Complementary

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



300002



00302E

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.



001B2C



300002



001D08

Square

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



300002



0B1600



001D1D



021132

Rectangle

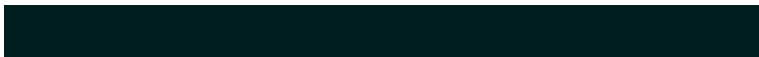
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



300002



230D00



001D1D



001932

Sweetspot

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



300002



3D2B2C



2E0030



1F1414



9E9E9E



1F1F1F

Same Dimension

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



300002



3D0003



301600



171515



570004



D60009

Inverse Universe

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



300002



3D0003



001A30



171515



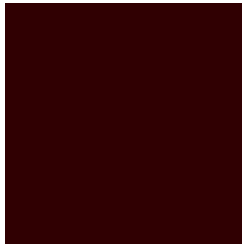
570004



D60009

Previews

White Background



This preview shows how the Hex color 300002 looks on a white background.

Color Contrast Check

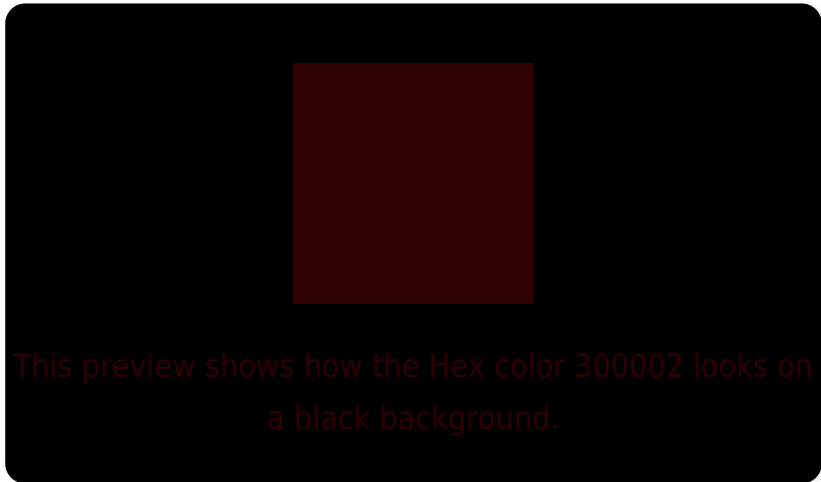
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

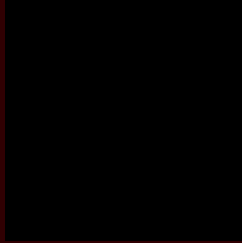
Any Text WCAG AA × Fail

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 300002 Background



This preview shows how black text looks on a background with the Hex color 300002.

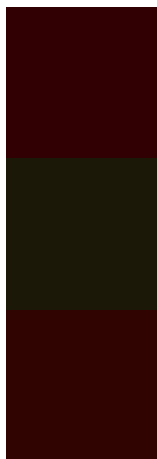


This preview shows how white text looks on a background with the Hex color 300002.

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

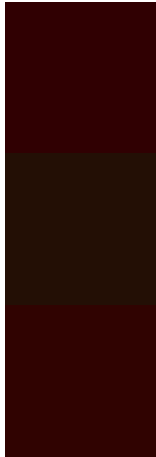


Original Color
300002

Protanopia
1B1807

Tritanopia
300400

Trichromacy



Original Color
300002

Protanomaly
230F05

Tritanomaly
300301

Monochromacy



Original Color
300002

Achromatopsia
0F0F0F

Achromatomaly
1B0A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 300002 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 #300002 looks like.

```
.text, #text, p{  
    color:#300002  
}
```

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 #300002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300002
}
```

Border

The CSS property to change the border of an element to Hex 300002 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".

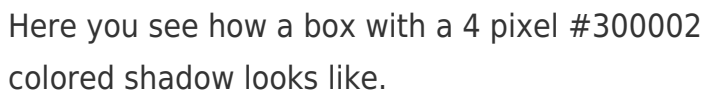
```
.border, #border, table{ border:4px solid
#300002 }
```

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

```
.border{ border-color:#300002 }
```

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

Here you see how a box with a 4 pixel #300002 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300002; -webkit-box-shadow:4px 4px  
4px 4px #300002; box-shadow:4px 4px 4px  
4px #300002 }
```

Background

The CSS property to change the background color of an element to Hex 300002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300002 }
```

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

```
.background{ background-color:#300002 }
```

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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