

Converting Colors

Hex(300025)

Have a look what the booklet for
Hex(300025) contains.

Hex(300025)	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(300025)

Conversions

Conversions Part 1

Format	Color
Hex	300025
RGB	48, 0, 37
RGB Percent	19%, 0%, 15%
CMY	0.8118, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.23, 0.81
HSL	314°, 100%, 9%
HSV	314°, 100%, 19%
XYZ	1.5529, 0.7619, 1.8155
YIQ	18.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

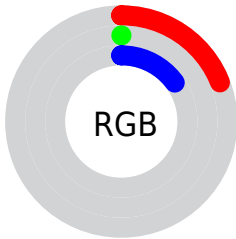
Format	Color
R_{YB}	48, 0, 37
Decimal	3145765
CIE Lab	6.88, 28.24, -11.64
CIE LCh	7, 30.546, 337.597
Yxy	0.7619, 0.3760, 0.1845
Android (android.graphics.Color)	4281335845 (0xFF300025)
YUV	18.5700, 9.0860, 25.8101
Hunter-Lab	8.7290, 16.4788, -6.2211

Details

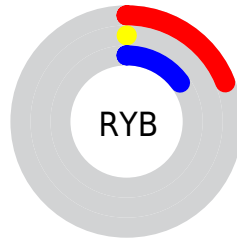
The Hex color **300025** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00300B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **602E52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300025**, and if you desaturate by 10%, it is **300526**.

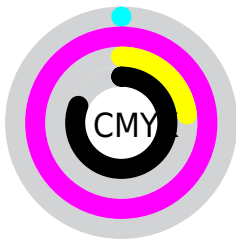
Distribution



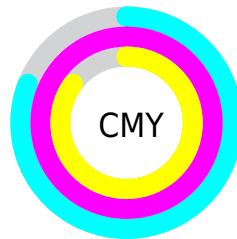
- Red (19%)
- Green (0%)
- Blue (15%)



- Red (19%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (81%)



- Cyan (81%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300025 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 300025 by changing the saturation by 10% instead.

 300025

 300025

 FFE4FF

 19000F

 602E52

 000000

 7A456A

 945E83

 B0779D

 CB91B8

 E8ACD4

 FFC7F0

 300025

■ 300526

■ 300A27

■ 300E28

■ 301329

■ 30182A

■ 301D2C

■ 30222D

■ 30262E

■ 302B2F

Harmonies

Analogous

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



1A0D35



300025



370010

Triad

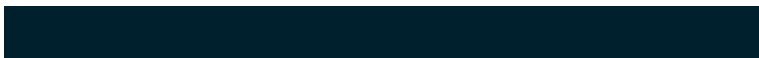
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300025



171600



00202D

Complementary

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



300025



00300B

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.



00201A



300025



001C00

Square

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



300025



280E00



001F00



001C3B

Rectangle

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



300025



360000



001F00



002027

Sweetspot

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



300025



3D2B39



0A0030



1F141C



9E9E9E



1F1F1F

Same Dimension

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



300025



3D002F



30000E



171516



570043



D600A5

Inverse Universe

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



300025



3D002F



003022



171516



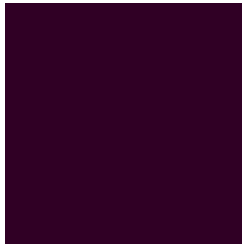
570043



D600A5

Previews

White Background



This preview shows how the Hex color 300025 looks on a white background.

Color Contrast Check

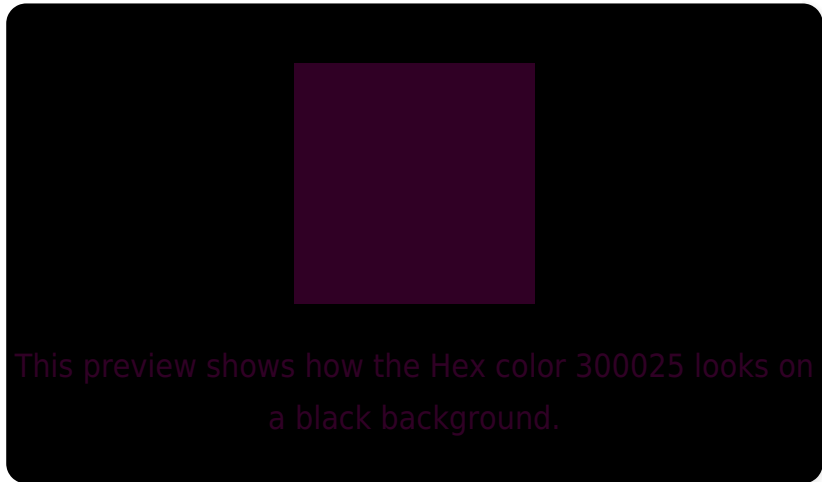
Large Text (above 18pt) WCAG AA ✓ Pass

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

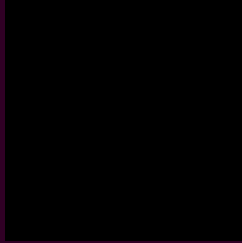
Any Text WCAG AA × Fail

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 300025 Background



This preview shows how black text looks on a background with the Hex color 300025.



This preview shows how white text looks on a background with the Hex color 300025.

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](#).

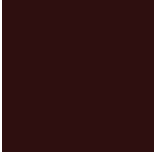
Dichromacy



Original Color
300025

Protanopia
071935

Deuteranopia
181A23



Trichromacy



Original Color

300025

Protanomaly

16102F

Deuteranomaly

211124

Tritanomaly

2F0A17

Monochromacy



Original Color

300025

Achromatopsia

131313

Achromatomaly

1E0C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 300025 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 #300025 looks like.

```
.text, #text, p{  
    color:#300025  
}
```

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 #300025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300025
}
```

Border

The CSS property to change the border of an element to Hex 300025 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
#300025 }
```

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

```
.border{ border-color:#300025 }
```

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

Here you see how a box with a 4 pixel #300025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300025; -webkit-box-shadow:4px 4px  
4px 4px #300025; box-shadow:4px 4px 4px  
4px #300025 }
```

Background

The CSS property to change the background color of an element to Hex 300025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300025 }
```

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

```
.background{ background-color:#300025 }
```

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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