

# Converting Colors

Hex(300326)

Have a look what the booklet for  
Hex(300326) contains.

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**Color**

**Hex(300326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	300326
RGB	48, 3, 38
RGB Percent	19%, 1%, 15%
CMY	0.8118, 0.9882, 0.8510
CMYK	0.00, 0.94, 0.21, 0.81
HSL	313°, 88%, 10%
HSV	313°, 94%, 19%
XYZ	1.6013, 0.8334, 1.9102
YIQ	20.4450, 15.5850, 20.4250

# Conversions

## Conversions Part 2

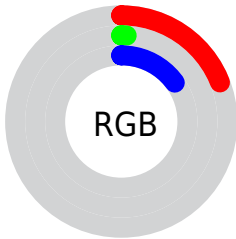
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 3, 38
Decimal	3146534
CIE <sub>Lab</sub>	7.53, 26.76, -11.40
CIE <sub>LCh</sub>	8, 29.091, 336.925
Yxy	0.8334, 0.3685, 0.1918
Android (android.graphics.Color)	4281336614 (0xFF300326)
YUV	20.4450, 8.6546, 24.1657
Hunter-Lab	9.1293, 15.3337, -6.0152




# Details

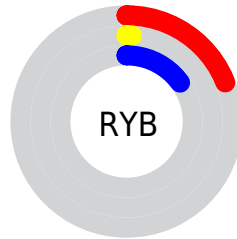
The Hex color **300326** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **03300D**, and the grayscale version is **141414**.




A 20% lighter version of the original color is **603153**, 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 **300827**.

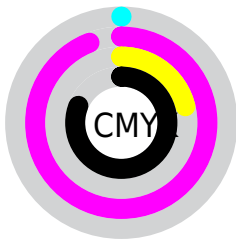
# Distribution







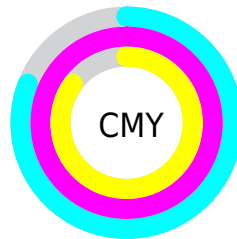
-  Red (19%)
-  Green (1%)
-  Blue (15%)






-  Red (19%)
-  Yellow (1%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (21%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (99%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 300326 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 300326 by changing the saturation by 10% instead.



 300326

 300326

 FFE7FF

 1A0011

 603153

 000000

 7A486B

 946084

 AF7A9F

 CB94BA

 E7AFD5

 FFCAF2

 300326

 300326

■ 300025

■ 300827

■ 300D28

■ 301129

■ 30162A

■ 301B2B

■ 30202C

■ 30252D

■ 30292F

■ 302E30

# Harmonies

## Analogous

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



1B0F36



300326



370012

# Triad

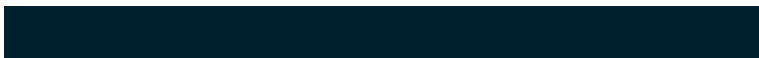
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300326



1A1700



00202D

# Complementary

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



300326



03300D

# 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.



00211B



300326



001D00

# Square

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



300326



291000



002000



001D3A

# Rectangle

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



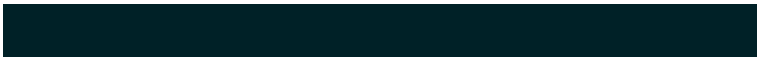
300326



370100



002000



002127



# Sweetspot

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



300326



3D2C39



0D0330



1F141C



9E9E9E



1F1F1F



# Same Dimension

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



300326



3D0030



300310



171516



570043



D600A7



# Inverse Universe

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



300326



3D0030



033023



171516



570043

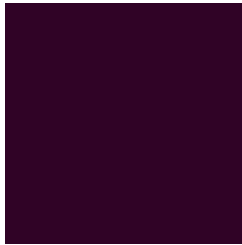


D600A7



# Previews

## White Background



This preview shows how the Hex color 300326 looks on a white background.

## Color Contrast Check

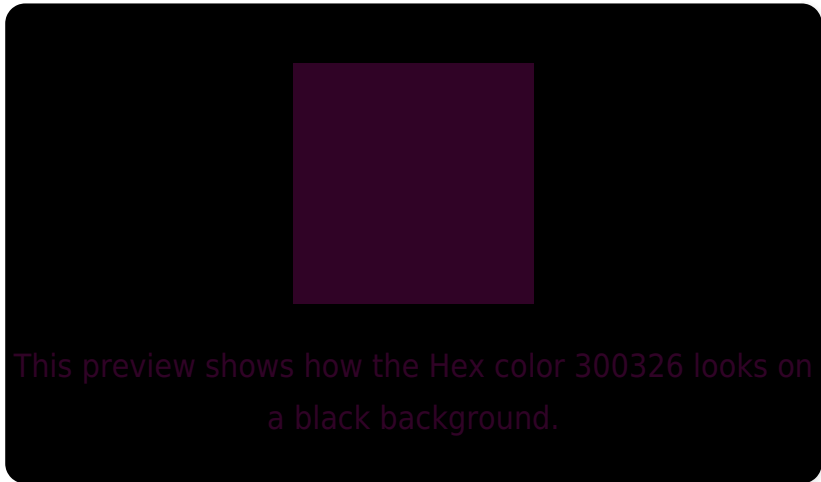
Large Text (above 18pt) WCAG AA ✓ Pass

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

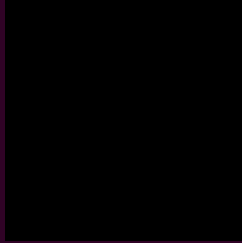
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 300326 Background



This preview shows how black text looks on a background with the Hex color 300326.



This preview shows how white text looks on a background with the Hex color 300326.

# 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**  
300326

**Protanopia**  
051936

**Deuteranopia**  
181A24



**Tritanopia**  
2E0F10

# Trichromacy



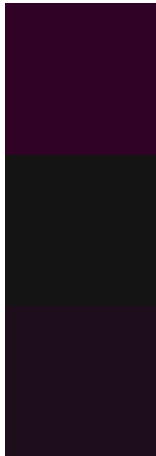
**Original Color**  
300326

**Protanomaly**  
151130

**Deuteranomaly**  
211225

**Tritanomaly**  
2F0B18

# Monochromacy



**Original Color**  
300326

**Achromatopsia**  
141414

**Achromatomaly**  
1E0E1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 300326 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 #300326 looks like.

```
.text, #text, p{  
    color:#300326  
}
```

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 #300326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300326
}
```

## Border

The CSS property to change the border of an element to Hex 300326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

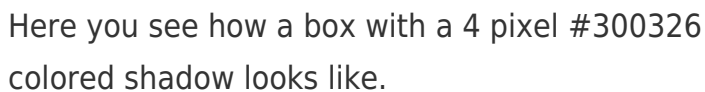
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300326 }
```

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

```
.border{ border-color:#300326 }
```

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



Here you see how a box with a 4 pixel #300326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300326; -webkit-box-shadow:4px 4px  
4px 4px #300326; box-shadow:4px 4px 4px  
4px #300326 }
```

# Background

The CSS property to change the background color of an element to Hex 300326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300326 }
```

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

```
.background{ background-color:#300326 }
```

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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