

# Converting Colors

Hex(400326)

Have a look what the booklet for  
Hex(400326) contains.

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**Color**

**Hex(400326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	400326
RGB	64, 3, 38
RGB Percent	25%, 1%, 15%
CMY	0.7490, 0.9882, 0.8510
CMYK	0.00, 0.95, 0.41, 0.75
HSL	326°, 91%, 13%
HSV	326°, 95%, 25%
XYZ	2.4968, 1.2951, 1.9521
YIQ	25.2290, 25.1210, 23.8170

# Conversions

## Conversions Part 2

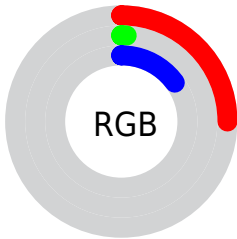
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 3, 38</a>
Decimal	<a href="#">4195110</a>
CIELab	<a href="#">11.24, 31.22, -5.38</a>
CIElCh	<a href="#">11, 31.676, 350.224</a>
Yxy	<a href="#">1.2951, 0.4347, 0.2255</a>
Android (android.graphics.Color)	<a href="#">4282385190 (0xFF400326)</a>
YUV	<a href="#">25.2290, 6.2961, 34.0022</a>
Hunter-Lab	<a href="#">11.3800, 19.2476, -2.2044</a>

# Details

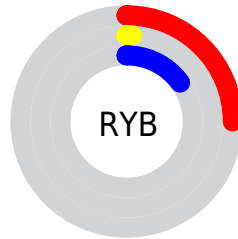
The Hex color **400326** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **03401D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **733553**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400025**, and if you desaturate by 10%, it is **400929**.

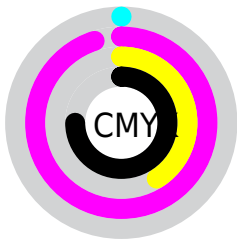
# Distribution



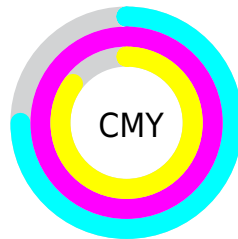
- Red (25%)
- Green (1%)
- Blue (15%)



- Red (25%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (95%)
- Yellow (41%)
- Black (75%)



- Cyan (75%)
- Magenta (99%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 400326 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 400326 by changing the saturation by 10% instead.



 400326

 400326

 FFEDFF

 2B0011

 733553

 000000

 8D4D6B

 A96684

 C57F9E

 E19AB9

 FEB5D5

 FFD1F1

 400326

 400326

■ 400025

■ 400929

■ 40102B

■ 40162E

■ 401D31

■ 402334

■ 402936

■ 403039

■ 40363C

■ 403D3F

# Harmonies

## Analogous

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



30103A



400326



43040F

# Triad

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



400326



192100



00263F

# Complementary

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



400326



03401D

# 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.



00282C



400326



002500

# Square

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



400326



2D1B00



002716



002349

# Rectangle

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



400326



3F0B00



002716



00273A



# Sweetspot

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



400326



543C4A



1C0340



2B1C25



ABABAB



2B2B2B



# Same Dimension

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



400326



540030



400308



211E20



610038



E00081



# Inverse Universe

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



400326



540030



03403B



211E20



610038

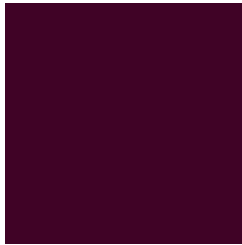


E00081



# Previews

## White Background



This preview shows how the Hex color 400326 looks on a white background.

## Color Contrast Check

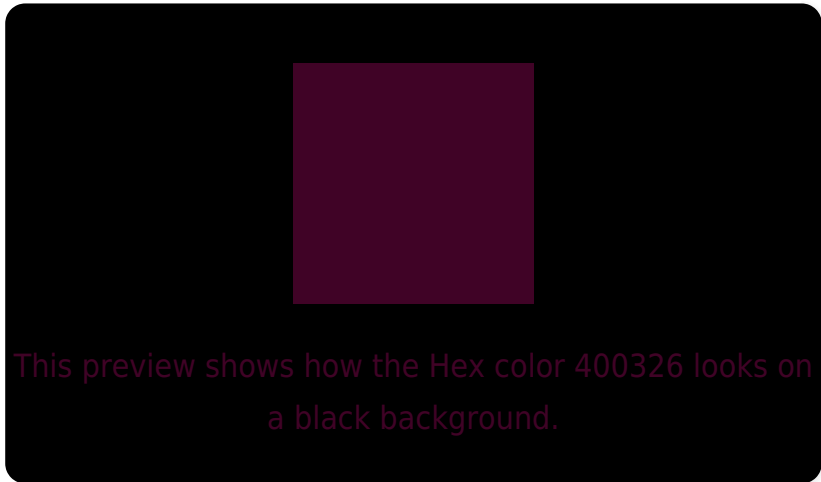
Large Text (above 18pt) WCAG AA ✓ Pass

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

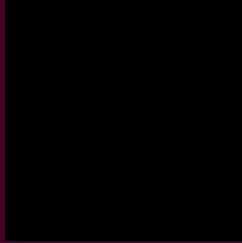
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 400326 Background



This preview shows how black text looks on a background with the Hex color 400326.



This preview shows how white text looks on a background with the Hex color 400326.

# 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](#).

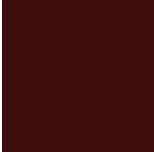
## Dichromacy



**Original Color**  
400326

**Protanopia**  
1A2136

**Deuteranopia**  
242123



**Tritanopia**  
3F0F10

# Trichromacy



**Original Color**  
400326

**Protanomaly**  
281630

**Deuteranomaly**  
2E1624

**Tritanomaly**  
3F0B18

# Monochromacy



**Original Color**  
400326

**Achromatopsia**  
191919

**Achromatomaly**  
27111E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 400326 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 #400326 looks like.

```
.text, #text, p{  
    color:#400326  
}
```

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 #400326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400326
}
```

## Border

The CSS property to change the border of an element to Hex 400326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

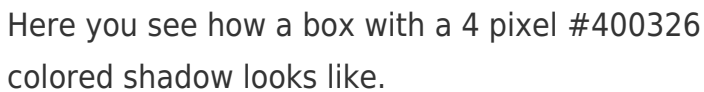
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400326 }
```

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

```
.border{ border-color:#400326 }
```

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



Here you see how a box with a 4 pixel #400326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400326; -webkit-box-shadow:4px 4px  
4px 4px #400326; box-shadow:4px 4px 4px  
4px #400326 }
```

# Background

The CSS property to change the background color of an element to Hex 400326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400326 }
```

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

```
.background{ background-color:#400326 }
```

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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