

# Converting Colors

Hex(400641)

Have a look what the booklet for  
Hex(400641) contains.

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**Color**

**Hex(400641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	400641
RGB	64, 6, 65
RGB Percent	25%, 2%, 25%
CMY	0.7490, 0.9765, 0.7451
CMYK	0.02, 0.91, 0.00, 0.75
HSL	299°, 83%, 14%
HSV	299°, 91%, 25%
XYZ	3.1336, 1.6019, 5.1451
YIQ	30.0680, 15.6290, 30.6450

# Conversions

## Conversions Part 2

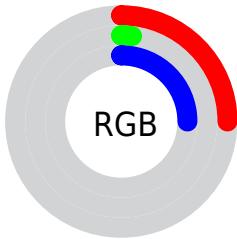
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 6, 65</a>
Decimal	<a href="#">4195905</a>
CIELab	<a href="#">13.24, 34.28, -21.89</a>
CIELCh	<a href="#">13, 40.677, 327.444</a>
Yxy	<a href="#">1.6019, 0.3171, 0.1621</a>
Android (android.graphics.Color)	<a href="#">4282385985 (0xFF400641)</a>
YUV	<a href="#">30.0680, 17.2215, 29.7584</a>
Hunter-Lab	<a href="#">12.6566, 22.0453, -15.2425</a>




# Details

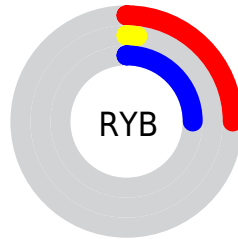
The Hex color **400641** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **074106**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **723871**, and **020015** is the 20% darker color. If you saturate the color by 10%, you get **400041**, and if you desaturate by 10%, it is **400C41**.

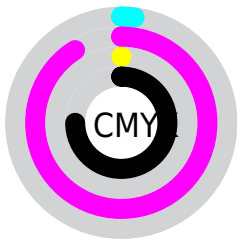
# Distribution







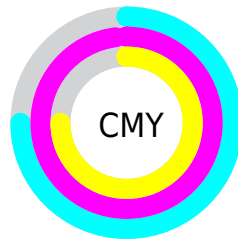
-  Red (25%)
-  Green (2%)
-  Blue (25%)






-  Red (25%)
-  Yellow (2%)
-  Blue (25%)



-  Cyan (2%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (98%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 400641 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 400641 by changing the saturation by 10% instead.



 400641

 400641

 FFF2FF

 2A002B

 723871

 020015

 8D518B

 000000

 A86AA5

 C384C1

 E09EDC

 FDBAF9

 FFD6FF

 400641

 400641

■ 400041

■ 400C41

■ 401341

■ 401941

■ 402041

■ 412641

■ 412D41

■ 413341

■ 413A41

■ 414041

# Harmonies

## Analogous

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



121C55



400641



500026

# Triad

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



400641



2E2000



002E3C

# Complementary

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



400641



074106

# 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.



002E1F



400641



112800

# Square

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



400641



421200



002C00



002C52

# Rectangle

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



400641



510013



002C00



002E32



# Sweetspot

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



400641



543D54



060841



2B1D2B



ABABAB



2B2B2B



# Same Dimension

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



400641



530054



410625



211E21



5F0061



DD00E0



# Inverse Universe

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



410607



540001



064122



211E1E



610002

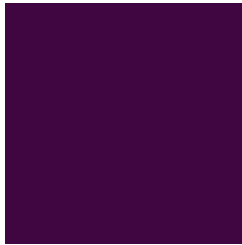


E00004



# Previews

## White Background



This preview shows how the Hex color 400641 looks on a white background.

## Color Contrast Check

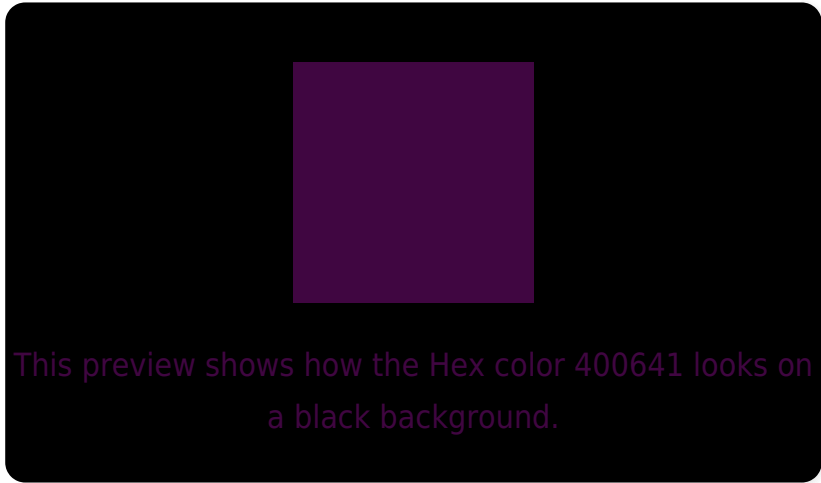
Large Text (above 18pt) WCAG AA ✓ Pass

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

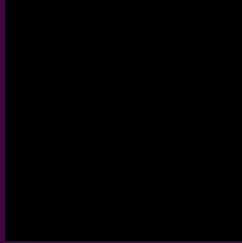
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 400641 Background



This preview shows how black text looks on a background with the Hex color 400641.



This preview shows how white text looks on a background with the Hex color 400641.

# 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**  
400641

**Protanopia**  
00244C

**Deuteranopia**  
15253D



# Trichromacy



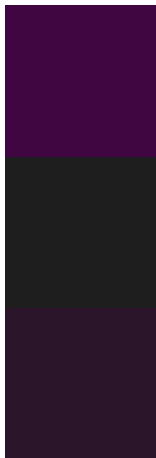
**Original Color**  
400641

**Protanomaly**  
171948

**Deuteranomaly**  
251A3E

**Tritanomaly**  
3D1329

# Monochromacy



**Original Color**  
400641

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
2A152B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 400641 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 #400641 looks like.

```
.text, #text, p{  
    color:#400641  
}
```

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 #400641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400641
}
```

## Border

The CSS property to change the border of an element to Hex 400641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

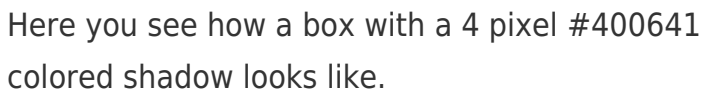
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400641 }
```

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

```
.border{ border-color:#400641 }
```

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



Here you see how a box with a 4 pixel #400641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400641; -webkit-box-shadow:4px 4px  
4px 4px #400641; box-shadow:4px 4px 4px  
4px #400641 }
```

# Background

The CSS property to change the background color of an element to Hex 400641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400641 }
```

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

```
.background{ background-color:#400641 }
```

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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