

Converting Colors

Hex(400034)

Have a look what the booklet for
Hex(400034) contains.

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Color

Hex(400034)

Conversions

Conversions Part 1

Format	Color
Hex	400034
RGB	64, 0, 52
RGB Percent	25%, 0%, 20%
CMY	0.7490, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.19, 0.75
HSL	311°, 100%, 13%
HSV	311°, 100%, 25%
XYZ	2.7342, 1.3379, 3.3629
YIQ	25.0640, 21.4520, 29.7400

Conversions

Conversions Part 2

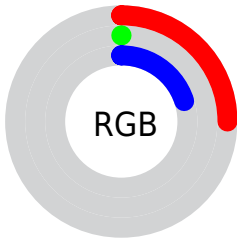
Format	Color
RYB	64, 0, 52
Decimal	4194356
CIELab	11.54, 34.50, -15.27
CIELCh	12, 37.732, 336.127
Yxy	1.3379, 0.3677, 0.1799
Android (android.graphics.Color)	4282384436 (0xFF400034)
YUV	25.0640, 13.2794, 34.1469
Hunter-Lab	11.5669, 21.9520, -9.1412

Details

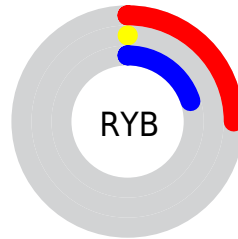
The Hex color **400034** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00400C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **733363**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **400034**, and if you desaturate by 10%, it is **400635**.

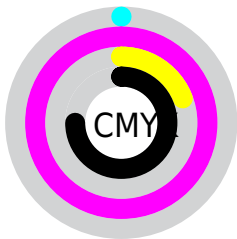
Distribution



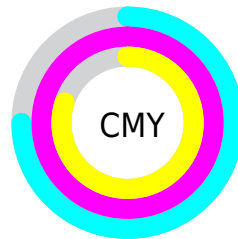
- Red (25%)
- Green (0%)
- Blue (20%)



- Red (25%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400034 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 400034 by changing the saturation by 10% instead.

 400034

 400034

 FFECFF

 2B001F

 733363

 000002

 8D4B7C

 000000

 A86496

 C47EB0

 E099CC

 FEB4E8

 FFD0FF

 400034

■ 400635

■ 400D36

■ 401338

■ 401A39

■ 40203A

■ 40263B

■ 402D3C

■ 40333E

■ 403A3F

Harmonies

Analogous

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



221449



400034



4A001B

Triad

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



400034



231F00



00293D

Complementary

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



400034



00400C

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.



002A23



400034



042500

Square

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



400034



371500



002803



00274E

Rectangle

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



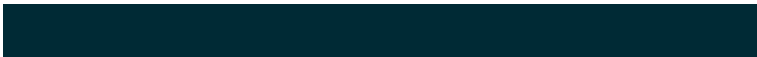
400034



490004



002803



002A35

Sweetspot

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



400034



543B4F



0C0040



2B1C28



ABABAB



2B2B2B

Same Dimension

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



400034



540044



400014



211E21



61004F



E000B6

Inverse Universe

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



400034



540044



00402C



211E21



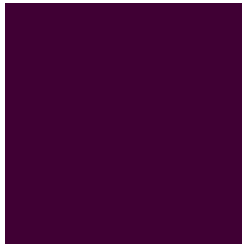
61004F



E000B6

Previews

White Background



This preview shows how the Hex color 400034 looks on a white background.

Color Contrast Check

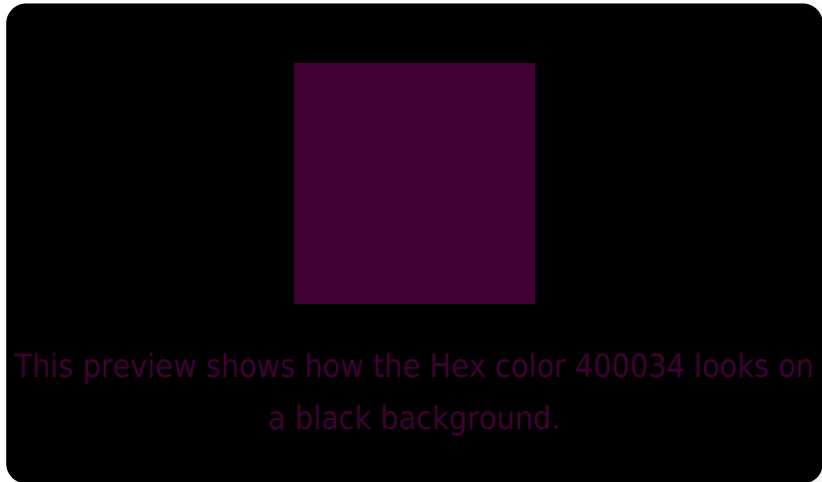
Large Text (above 18pt) WCAG AA ✓ Pass

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

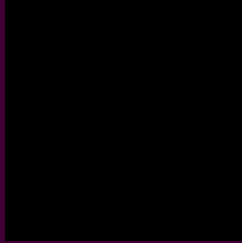
Any Text WCAG AA × Fail

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 400034 Background



This preview shows how black text looks on a background with the Hex color 400034.



This preview shows how white text looks on a background with the Hex color 400034.

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
400034

Protanopia
002248

Deuteranopia
1F2331



Tritanopia
3D1416

Trichromacy



Original Color
400034

Protanomaly
171641

Deuteranomaly
2B1632

Tritanomaly
3E0D21

Monochromacy



Original Color
400034

Achromatopsia
191919

Achromatomaly
271023

CSS Examples

Text

The CSS property to change the color of the text to Hex 400034 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 #400034 looks like.

```
.text, #text, p{  
    color:#400034  
}
```

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 #400034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400034
}
```

Border

The CSS property to change the border of an element to Hex 400034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

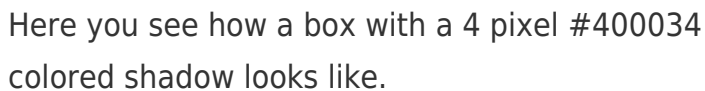
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400034 }
```

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

```
.border{ border-color:#400034 }
```

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



Here you see how a box with a 4 pixel #400034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400034; -webkit-box-shadow:4px 4px  
4px 4px #400034; box-shadow:4px 4px 4px  
4px #400034 }
```

Background

The CSS property to change the background color of an element to Hex 400034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400034 }
```

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

```
.background{ background-color:#400034 }
```

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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