

Converting Colors

Hex(400022)

Have a look what the booklet for
Hex(400022) contains.

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Color

Hex(400022)

Conversions

Conversions Part 1

Format	Color
Hex	400022
RGB	64, 0, 34
RGB Percent	25%, 0%, 13%
CMY	0.7490, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.47, 0.75
HSL	328°, 100%, 13%
HSV	328°, 100%, 25%
XYZ	2.4031, 1.2055, 1.6194
YIQ	23.0120, 27.2300, 24.1420

Conversions

Conversions Part 2

Format	Color
RYB	64, 0, 34
Decimal	4194338
CIELab	10.60, 32.11, -3.33
CIELCh	11, 32.277, 354.085
Yxy	1.2055, 0.4597, 0.2306
Android (android.graphics.Color)	4282384418 (0xFF400022)
YUV	23.0120, 5.4171, 35.9465
Hunter-Lab	10.9794, 19.8545, -1.0593

Details

The Hex color **400022** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00401E**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **73324E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400022**, and if you desaturate by 10%, it is **400625**.

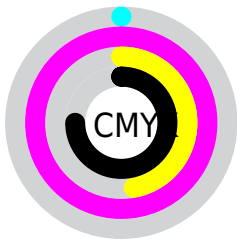
Distribution



- Red (25%)
- Green (0%)
- Blue (13%)



- Red (25%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400022 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 400022 by changing the saturation by 10% instead.

 400022

 400022

 FFEBFF

 2C000C

 73324E

 000000

 8E4A66

 A9637F

 C57D99

 E297B4

 FFB2CF

 FFCEEB

 400022

■ 400625

■ 400D28

■ 40132B

■ 401A2E

■ 402031

■ 402634

■ 402D37

■ 40333A

■ 403A3D

Harmonies

Analogous

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



320C37



400022



410208

Triad

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



400022



142100



002540

Complementary

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



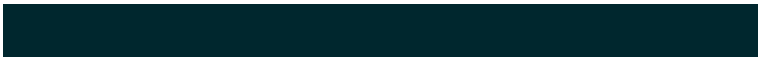
400022



00401E

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.



00272E



400022



002400

Square

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



400022



291A00



002717



002149

Rectangle

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



400022



3D0B00



002717



00263B

Sweetspot

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



400022



543B48



1E0040



2B1C24



ABABAB



2B2B2B

Same Dimension

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



400022



54002D



400002



211E20



610033



E00077

Inverse Universe

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



400022



54002D



00403E



211E20



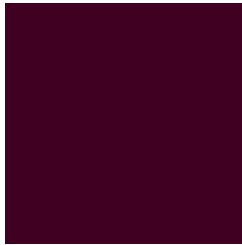
610033



E00077

Previews

White Background



This preview shows how the Hex color 400022 looks on a white background.

Color Contrast Check

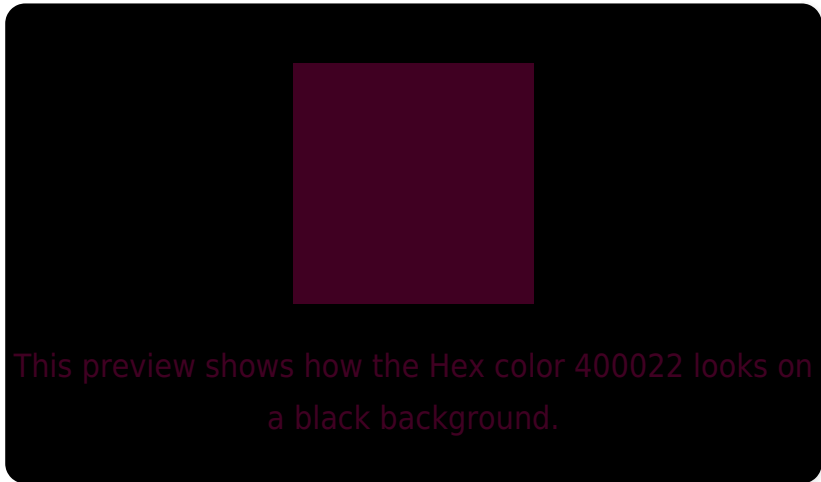
Large Text (above 18pt) WCAG AA ✓ Pass

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

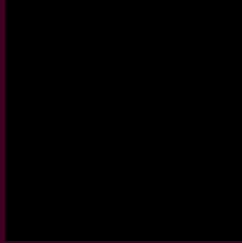
Any Text WCAG AA × Fail

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 400022 Background



This preview shows how black text looks on a background with the Hex color 400022.



This preview shows how white text looks on a background with the Hex color 400022.

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](#).

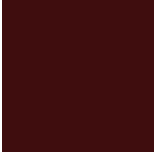
Dichromacy



Original Color
400022

Protanopia
1C2131

Deuteranopia
25201F



Trichromacy



Original Color
400022

Protanomaly
29152C

Deuteranomaly
2F1420

Tritanomaly
3F0815

Monochromacy



Original Color
400022

Achromatopsia
171717

Achromatomaly
260F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 400022 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 #400022 looks like.

```
.text, #text, p{  
    color:#400022  
}
```

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 #400022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400022  
}
```

Border

The CSS property to change the border of an element to Hex 400022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

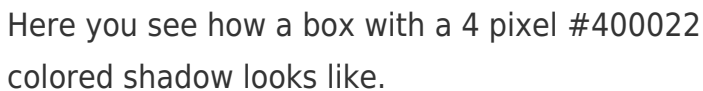
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#400022 }
```

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

```
.border{ border-color:#400022 }
```

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



Here you see how a box with a 4 pixel #400022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400022; -webkit-box-shadow:4px 4px  
4px 4px #400022; box-shadow:4px 4px 4px  
4px #400022 }
```

Background

The CSS property to change the background color of an element to Hex 400022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400022 }
```

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

```
.background{ background-color:#400022 }
```

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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