

Converting Colors

Hex(400021)

Have a look what the booklet for
Hex(400021) contains.

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Color

Hex(400021)

Conversions

Conversions Part 1

Format	Color
Hex	400021
RGB	64, 0, 33
RGB Percent	25%, 0%, 13%
CMY	0.7490, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.48, 0.75
HSL	329°, 100%, 13%
HSV	329°, 100%, 25%
XYZ	2.3889, 1.1998, 1.5445
YIQ	22.8980, 27.5510, 23.8310

Conversions

Conversions Part 2

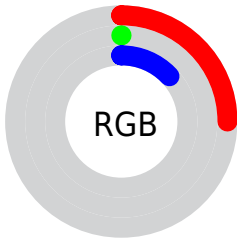
Format	Color
RYB	64, 0, 33
Decimal	4194337
CIELab	10.56, 32.00, -2.63
CIELCh	11, 32.104, 355.304
Yxy	1.1998, 0.4654, 0.2337
Android (android.graphics.Color)	4282384417 (0xFF400021)
YUV	22.8980, 4.9803, 36.0465
Hunter-Lab	10.9535, 19.7607, -0.6928

Details

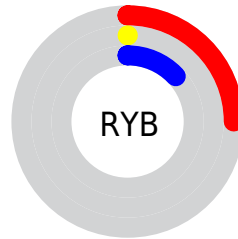
The Hex color **400021** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00401F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **73324D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400021**, and if you desaturate by 10%, it is **400624**.

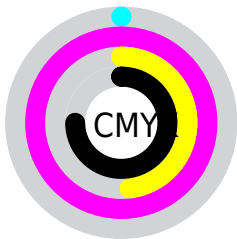
Distribution



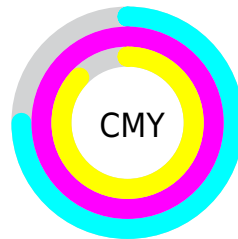
- Red (25%)
- Green (0%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 400021 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 400021 by changing the saturation by 10% instead.

 400021

 400021

 FFEAFF

 2C000A

 73324D

 000000

 8E4A65

 A9637E

 C57D98

 E297B2

 FFB2CE

 FFCEEA

 400021

■ 400624

■ 400D27

■ 40132A

■ 401A2D

■ 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.



330B36



400021



410307

Triad

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



400021



132100



002540

Complementary

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



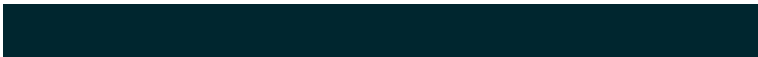
400021



00401F

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.



00262F



400021



002400

Square

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



400021



281B00



002618



002149

Rectangle

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



400021



3C0C00



002618



00253B

Sweetspot

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



400021



543B48



1F0040



2B1C24



ABABAB



2B2B2B

Same Dimension

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



400021



54002B



400001



211E20



610032



E00074

Inverse Universe

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



400021



54002B



00403F



211E20



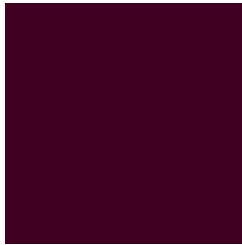
610032



E00074

Previews

White Background



This preview shows how the Hex color 400021 looks on a white background.

Color Contrast Check

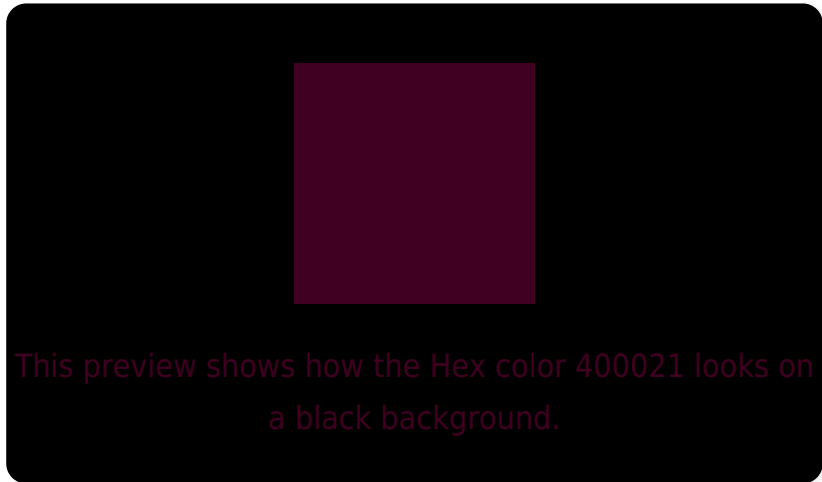
Large Text (above 18pt) WCAG AA ✓ Pass

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

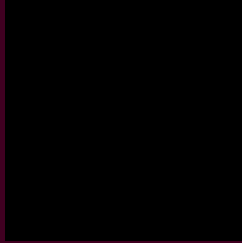
Any Text WCAG AA × Fail

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 400021 Background



This preview shows how black text looks on a background with the Hex color 400021.



This preview shows how white text looks on a background with the Hex color 400021.

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
400021

Protanopia
1D2130

Deuteranopia
26201E



Tritanopia
3F0D0D

Trichromacy



Original Color

400021

Protanomaly

2A152B

Deuteranomaly

2F141F

Tritanomaly

3F0814

Monochromacy



Original Color

400021

Achromatopsia

171717

Achromatomaly

260F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 400021 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 #400021 looks like.

```
.text, #text, p{  
    color:#400021  
}
```

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 #400021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400021
}
```

Border

The CSS property to change the border of an element to Hex 400021 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
#400021 }
```

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

```
.border{ border-color:#400021 }
```

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

Here you see how a box with a 4 pixel #400021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400021; -webkit-box-shadow:4px 4px  
4px 4px #400021; box-shadow:4px 4px 4px  
4px #400021 }
```

Background

The CSS property to change the background color of an element to Hex 400021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400021 }
```

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

```
.background{ background-color:#400021 }
```

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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