

Converting Colors

Hex(400838)

Have a look what the booklet for
Hex(400838) contains.

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Color

Hex(400838)

Conversions

Conversions Part 1

Format	Color
Hex	400838
RGB	64, 8, 56
RGB Percent	25%, 3%, 22%
CMY	0.7490, 0.9686, 0.7804
CMYK	0.00, 0.88, 0.12, 0.75
HSL	309°, 78%, 14%
HSV	309°, 88%, 25%
XYZ	2.9150, 1.5492, 3.8868
YIQ	30.2160, 17.9680, 26.8000

Conversions

Conversions Part 2

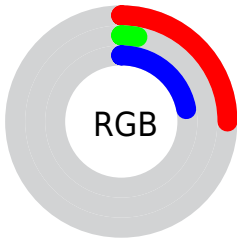
Format	Color
RYB	64, 8, 56
Decimal	4196408
CIELab	12.92, 31.86, -16.00
CIELCh	13, 35.653, 333.344
Yxy	1.5492, 0.3491, 0.1855
Android (android.graphics.Color)	4282386488 (0xFF400838)
YUV	30.2160, 12.7115, 29.6286
Hunter-Lab	12.4466, 20.0232, -9.8022




Details

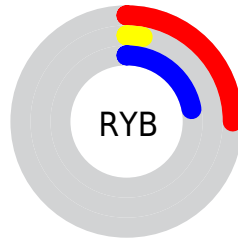
The Hex color **400838** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **084010**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **723967**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **400237**, and if you desaturate by 10%, it is **400E39**.

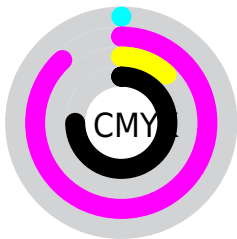
Distribution







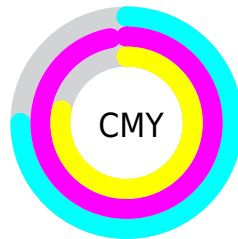
-  Red (25%)
-  Green (3%)
-  Blue (22%)






-  Red (25%)
-  Yellow (3%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (88%)
-  Yellow (12%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (97%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400838 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 400838 by changing the saturation by 10% instead.

 400838

 400838

 FFF3FF

 2A0023

 723967

 000009

 8C5180

 000000

 A76A9A

 C384B5

 DF9FD1

 FCBAED

 FFD6FF

 400838

 400838

■ 400237

■ 400E39

■ 400037

■ 40153A

■ 401B3B

■ 40223C

■ 40283D

■ 402E3D

■ 40353E

■ 403B3F

■ 404240

Harmonies

Analogous

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



22194B



400838



4B0020

Triad

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



400838



282100



002C3C

Complementary

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



400838



084010

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.



002C24



400838



0F2700

Square

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



400838



3C1700



002A06



002A4E

Rectangle

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



400838



4A020E



002A06



002C34

Sweetspot

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



400838



543E51



0F0840



2B1E29



ABABAB



2B2B2B

Same Dimension

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



400838



540048



40081D



211E21



610053



E000C0

Inverse Universe

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



400838



540048



08402B



211E21



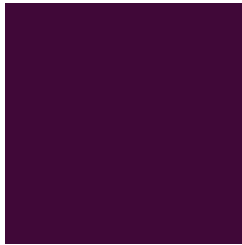
610053



E000C0

Previews

White Background



This preview shows how the Hex color 400838 looks on a white background.

Color Contrast Check

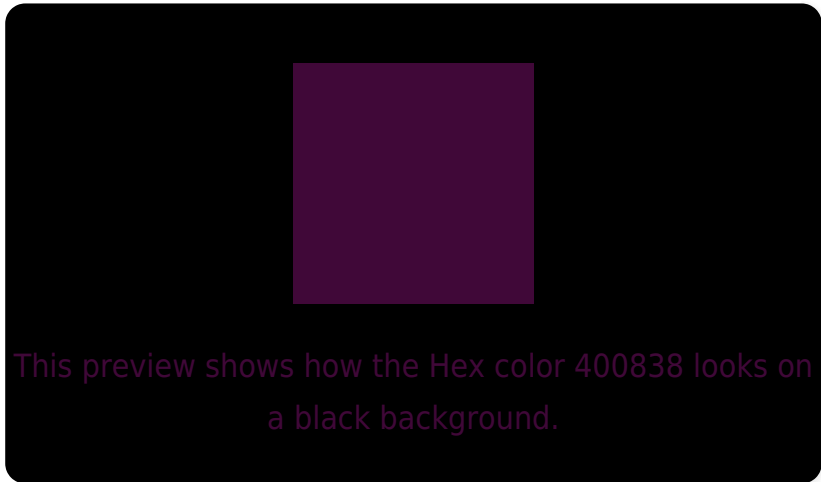
Large Text (above 18pt) WCAG AA ✓ Pass

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

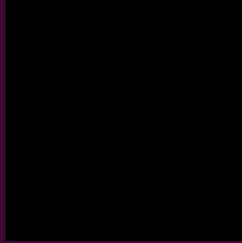
Any Text WCAG AA × Fail

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 400838 Background



This preview shows how black text looks on a background with the Hex color 400838.



This preview shows how white text looks on a background with the Hex color 400838.

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](#).

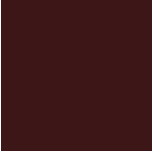
Dichromacy



Original Color
400838

Protanopia
00234A

Deuteranopia
1D2435



Tritanopia
3D1718

Trichromacy



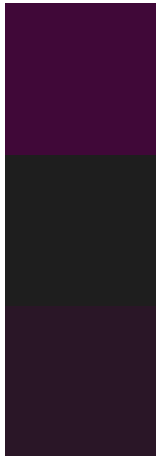
Original Color
400838

Protanomaly
171943

Deuteranomaly
2A1A36

Tritanomaly
3E1224

Monochromacy



Original Color
400838

Achromatopsia
1E1E1E

Achromatomaly
2A1627

CSS Examples

Text

The CSS property to change the color of the text to Hex 400838 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 #400838 looks like.

```
.text, #text, p{  
    color:#400838  
}
```

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 #400838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400838
}
```

Border

The CSS property to change the border of an element to Hex 400838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

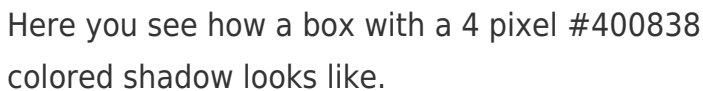
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400838 }
```

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

```
.border{ border-color:#400838 }
```

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



Here you see how a box with a 4 pixel #400838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400838; -webkit-box-shadow:4px 4px  
4px 4px #400838; box-shadow:4px 4px 4px  
4px #400838 }
```

Background

The CSS property to change the background color of an element to Hex 400838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400838 }
```

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

```
.background{ background-color:#400838 }
```

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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