

Converting Colors

Hex(401638)

Have a look what the booklet for
Hex(401638) contains.

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Color

Hex(401638)

Conversions

Conversions Part 1

Format	Color
Hex	401638
RGB	64, 22, 56
RGB Percent	25%, 9%, 22%
CMY	0.7490, 0.9137, 0.7804
CMYK	0.00, 0.66, 0.12, 0.75
HSL	311°, 49%, 17%
HSV	311°, 66%, 25%
XYZ	3.1151, 1.9493, 3.9535
YIQ	38.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

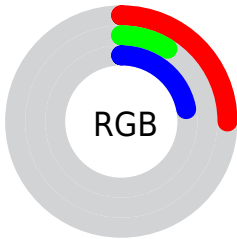
Format	Color
RYB	64, 22, 56
Decimal	4199992
CIELab	15.22, 25.44, -12.40
CIElCh	15, 28.306, 334.017
Yxy	1.9493, 0.3454, 0.2162
Android (android.graphics.Color)	4282390072 (0xFF401638)
YUV	38.4340, 8.6600, 22.4214
Hunter-Lab	13.9618, 15.3925, -7.0153




Details

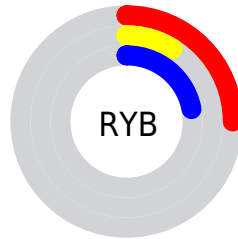
The Hex color **401638** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16401E**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **714467**, and **08000A** is the 20% darker color. If you saturate the color by 10%, you get **401037**, and if you desaturate by 10%, it is **401C39**.

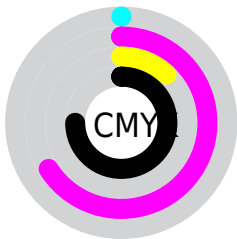
Distribution







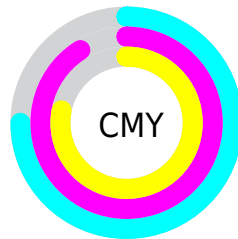
-  Red (25%)
-  Green (9%)
-  Blue (22%)






-  Red (25%)
-  Yellow (9%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (66%)
-  Yellow (12%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (91%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401638 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 401638 by changing the saturation by 10% instead.

 401638

 401638

FFFEFF

 290023

 714467

 08000A

 8B5C80

 000000

 A6759A

 C28FB5

 DEA9D1

 FBC5ED

 FFE1FF

 401638

 401638

■ 401037

■ 401C39

■ 400936

■ 40233A

■ 400334

■ 40293C

■ 400034

■ 40303D

■ 40363E

■ 403C3F

■ 404341

■ 404942

■ 405043

Harmonies

Analogous

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



292047



401638



491124

Triad

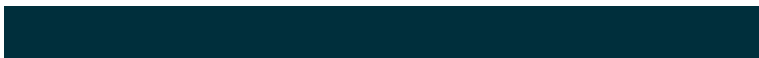
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



401638



2E2600



002F3C

Complementary

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



401638



16401E

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.



002F28



401638



1A2B00

Square

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



401638



3E1E00



002E14



002D4A

Rectangle

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



401638



491317



002E14



002F36

Sweetspot

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



401638



544351



1E1640



2B2129



ABABAB



2B2B2B

Same Dimension

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



401638



541247



401623



211E21



61004E



E000B6

Inverse Universe

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



401638



541247



164033



211E21



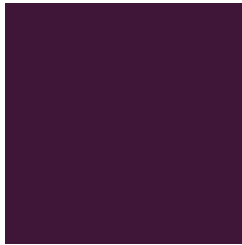
61004E



E000B6

Previews

White Background



This preview shows how the Hex color 401638 looks on a white background.

Color Contrast Check

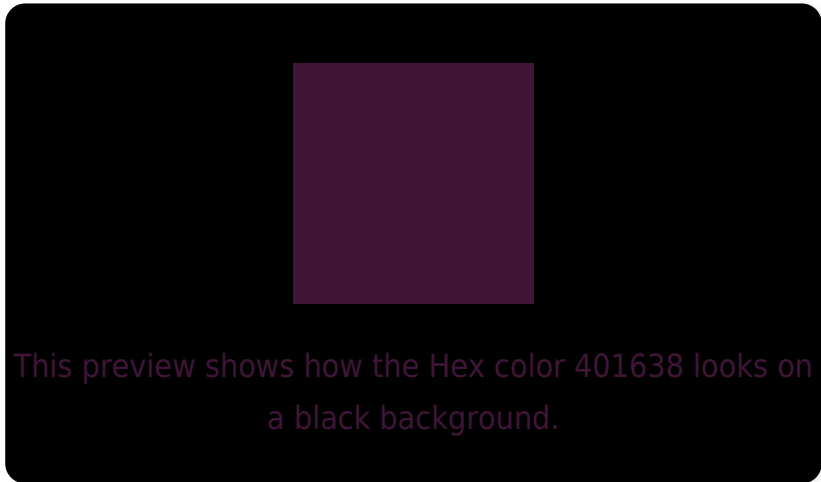
Large Text (above 18pt) WCAG AA ✓ Pass

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

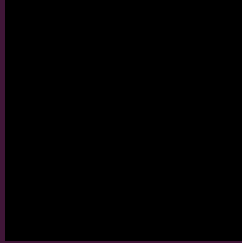
Any Text WCAG AA × Fail

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 401638 Background



This preview shows how black text looks on a background with the Hex color 401638.



This preview shows how white text looks on a background with the Hex color 401638.

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](#).

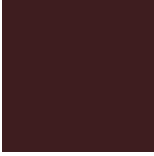
Dichromacy



Original Color
401638

Protanopia
192646

Deuteranopia
232735



Tritanopia
3E1D1F

Trichromacy



Original Color
401638

Protanomaly
272041

Deuteranomaly
2E2136

Tritanomaly
3F1A28

Monochromacy



Original Color
401638

Achromatopsia
262626

Achromatomaly
2F202D

CSS Examples

Text

The CSS property to change the color of the text to Hex 401638 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 #401638 looks like.

```
.text, #text, p{  
    color:#401638  
}
```

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 #401638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401638
}
```

Border

The CSS property to change the border of an element to Hex 401638 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
#401638 }
```

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

```
.border{ border-color:#401638 }
```

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

Here you see how a box with a 4 pixel #401638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401638; -webkit-box-shadow:4px 4px  
4px 4px #401638; box-shadow:4px 4px 4px  
4px #401638 }
```

Background

The CSS property to change the background color of an element to Hex 401638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401638 }
```

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

```
.background{ background-color:#401638 }
```

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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