

Converting Colors

Hex(402038)

Have a look what the booklet for
Hex(402038) contains.

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Color

Hex(402038)

Conversions

Conversions Part 1

Format	Color
Hex	402038
RGB	64, 32, 56
RGB Percent	25%, 13%, 22%
CMY	0.7490, 0.8745, 0.7804
CMYK	0.00, 0.50, 0.12, 0.75
HSL	315°, 33%, 19%
HSV	315°, 50%, 25%
XYZ	3.3447, 2.4085, 4.0300
YIQ	44.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

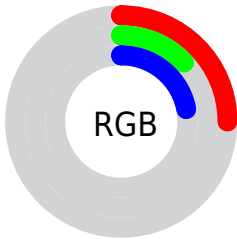
Format	Color
RYB	64, 32, 56
Decimal	4202552
CIELab	17.50, 19.45, -8.89
CIELCh	17, 21.389, 335.431
Yxy	2.4085, 0.3419, 0.2462
Android (android.graphics.Color)	4282392632 (0xFF402038)
YUV	44.3040, 5.7661, 17.2734
Hunter-Lab	15.5195, 11.3103, -4.5324

Details

The Hex color **402038** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **204028**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **714D67**, and **10000B** is the 20% darker color. If you saturate the color by 10%, you get **401A36**, and if you desaturate by 10%, it is **40263A**.

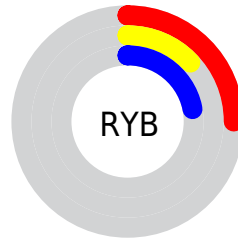
Distribution



Red (25%)

Green (13%)

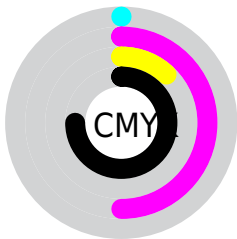
Blue (22%)



Red (25%)

Yellow (13%)

Blue (22%)

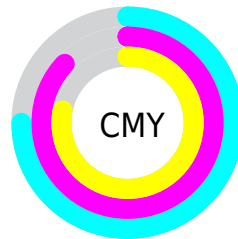


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402038 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 402038 by changing the saturation by 10% instead.



402038



402038

FFFFFF



290B23



714D67



10000B



8A6580



000000



A57F9A



C099B5



DCB4D0



F9CFED



FFECFF



402038



402038

■ 401A36

■ 40263A

■ 401335

■ 402D3B

■ 400D33

■ 40333D

■ 400632

■ 403A3E

■ 400030

■ 404040

■ 404642

■ 404D43

■ 405345

■ 405A46

Harmonies

Analogous

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



302644



402038



471E29

Triad

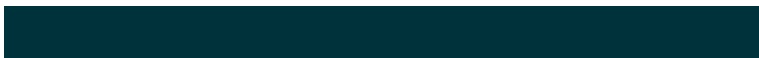
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



402038



312B09



00323C

Complementary

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



402038



204028

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.



00332D



402038



212F11

Square

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



402038



3E260E



0A321E



003047

Rectangle

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



402038



471F1F



0A321E



003238

Sweetspot

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



402038



544851



282040



2B2429



ABABAB



2B2B2B

Same Dimension

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



402038



542248



402028



211E20



610049



E000A8

Inverse Universe

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



402038



542248



204038



211E20



610049



E000A8

Previews

White Background



This preview shows how the Hex color 402038 looks on a white background.

Color Contrast Check

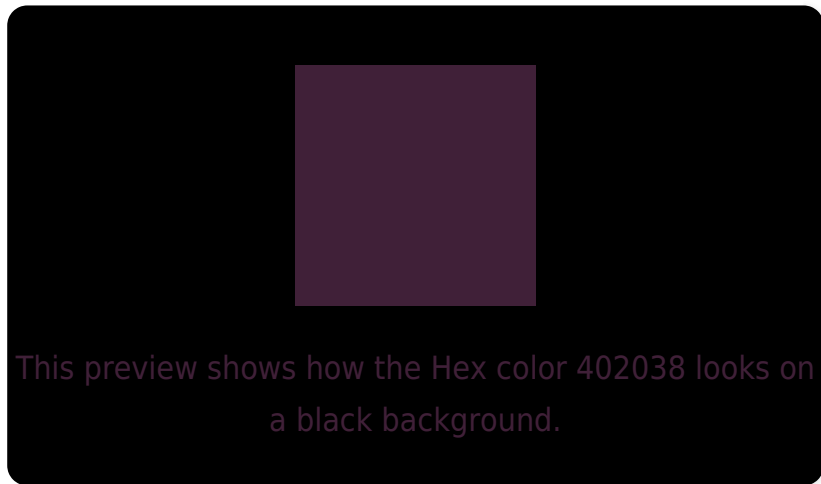
Large Text (above 18pt) WCAG AA ✓ Pass

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

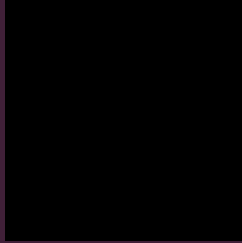
Any Text WCAG AA × Fail

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 402038 Background



This preview shows how black text looks on a background with the Hex color 402038.



This preview shows how white text looks on a background with the Hex color 402038.

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
402038

Protanopia
242B40

Deuteranopia
2A2B36



Tritanopia
3E2427

Trichromacy



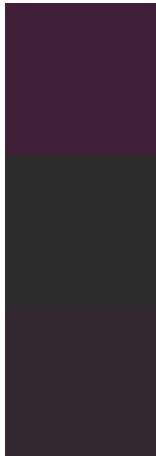
Original Color
402038

Protanomaly
2E273D

Deuteranomaly
322737

Tritanomaly
3F232D

Monochromacy



Original Color
402038

Achromatopsia
2C2C2C

Achromatomaly
332830

CSS Examples

Text

The CSS property to change the color of the text to Hex 402038 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 #402038 looks like.

```
.text, #text, p{  
    color:#402038  
}
```

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 #402038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402038
}
```

Border

The CSS property to change the border of an element to Hex 402038 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
#402038 }
```

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

```
.border{ border-color:#402038 }
```

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

Here you see how a box with a 4 pixel #402038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402038; -webkit-box-shadow:4px 4px  
4px 4px #402038; box-shadow:4px 4px 4px  
4px #402038 }
```

Background

The CSS property to change the background color of an element to Hex 402038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402038 }
```

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

```
.background{ background-color:#402038 }
```

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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