

Converting Colors

Hex(402918)

Have a look what the booklet for
Hex(402918) contains.

Hex(402918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(402918)

Conversions

Conversions Part 1

Format	Color
Hex	402918
RGB	64, 41, 24
RGB Percent	25%, 16%, 9%
CMY	0.7490, 0.8392, 0.9059
CMYK	0.00, 0.36, 0.62, 0.75
HSL	26°, 45%, 17%
HSV	26°, 62%, 25%
XYZ	3.0722, 2.7418, 1.2315
YIQ	45.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

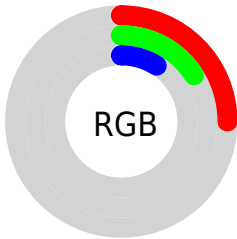
Format	Color
RYB	64, 54, 24
Decimal	4204824
CIELab	18.98, 8.50, 15.41
CIELCh	19, 17.604, 61.123
Yxy	2.7418, 0.4361, 0.3892
Android (android.graphics.Color)	4282394904 (0xFF402918)
YUV	45.9390, -10.8159, 15.8395
Hunter-Lab	16.5584, 4.1407, 7.1815

Details

The Hex color **402918** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **182F40**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **725643**, and **0B0000** is the 20% darker color. If you saturate the color by 10%, you get **402512**, and if you desaturate by 10%, it is **402D1E**.

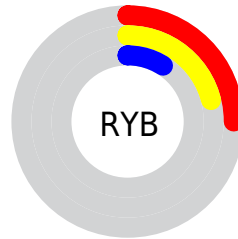
Distribution



Red (25%)

Green (16%)

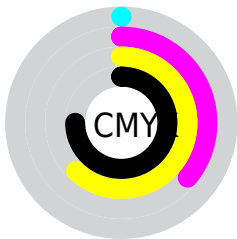
Blue (9%)



Red (25%)

Yellow (21%)

Blue (9%)

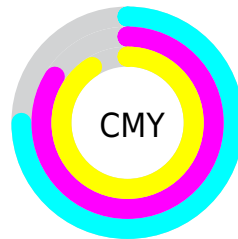


Cyan (0%)

Magenta (36%)

Yellow (62%)

Black (75%)



Cyan (75%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402918 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 402918 by changing the saturation by 10% instead.



402918



402918



FFFFFFB



2A1400



725643



0B0000



8C6F5B



000000



A68873



C2A28D



DEBDA7



FBD9C3



FFF6DF



402918



402918

■ 402512

■ 402D1E

■ 40220B

■ 403025

■ 401E05

■ 40342B

■ 401B00

■ 403832

■ 403B38

■ 403F3E

■ 404345

■ 40464B

■ 404A52

Harmonies

Analogous

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



462522



402918



362E14

Triad

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



402918



03352E



302B44

Complementary

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



402918



182F40

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.



1B2F47



402918



00343B

Square

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



402918



193421



003344



3E263B

Rectangle

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



402918



2D3016



003344



2A2C46

Sweetspot

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



402918



544B44



40182F



2B2621



ABABAB



2B2B2B

Same Dimension

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



402918



543015



403D18



211F1E



612900



E05F00

Inverse Universe

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



182F40



153954



181B40



1E2021



003861



0081E0

Previews

White Background



This preview shows how the Hex color 402918 looks on a white background.

Color Contrast Check

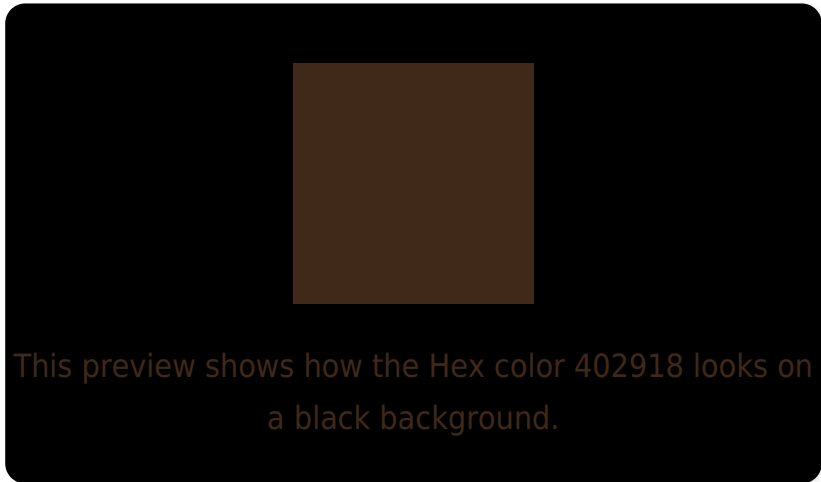
Large Text (above 18pt) WCAG AA ✓ Pass

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

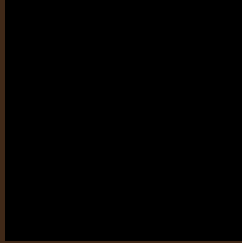
Any Text WCAG AA × Fail

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 402918 Background



This preview shows how black text looks on a background with the Hex color 402918.

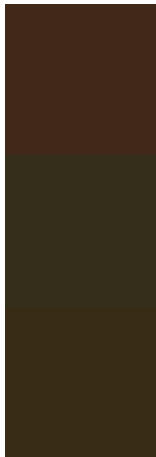


This preview shows how white text looks on a background with the Hex color 402918.

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](#).

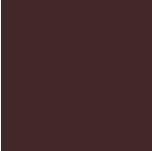
Dichromacy



Original Color
402918

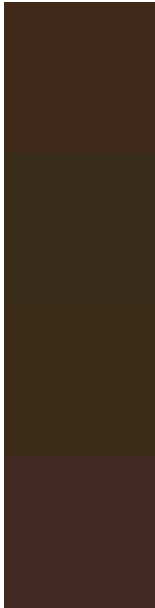
Protanopia
332F1A

Deuteranopia
392C17



Tritanopia
41272A

Trichromacy



Original Color
402918

Protanomaly
382D19

Deuteranomaly
3C2B17

Tritanomaly
412823

Monochromacy



Original Color
402918

Achromatopsia
2E2E2E

Achromatomaly
352C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 402918 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 #402918 looks like.

```
.text, #text, p{  
    color:#402918  
}
```

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 #402918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402918
}
```

Border

The CSS property to change the border of an element to Hex 402918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

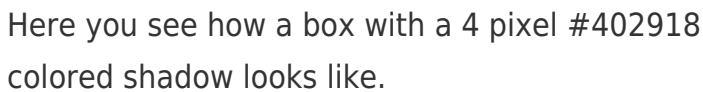
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402918 }
```

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

```
.border{ border-color:#402918 }
```

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



Here you see how a box with a 4 pixel #402918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402918; -webkit-box-shadow:4px 4px  
4px 4px #402918; box-shadow:4px 4px 4px  
4px #402918 }
```

Background

The CSS property to change the background color of an element to Hex 402918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402918 }
```

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

```
.background{ background-color:#402918 }
```

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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