

Converting Colors

Hex(402C00)

Have a look what the booklet for
Hex(402C00) contains.

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Color

Hex(402C00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 402C00 |
| RGB | 64, 44, 0 |
| RGB Percent | 25%, 17%, 0% |
| CMY | 0.7490, 0.8275, 1.0000 |
| CMYK | 0.00, 0.31, 1.00, 0.75 |
| HSL | 41°, 100%, 13% |
| HSV | 41°, 100%, 25% |
| XYZ | 3.0150, 2.8914, 0.3992 |
| YIQ | 44.9640, 26.0440, -9.4440 |

Conversions

Conversions Part 2

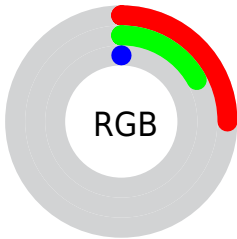
| Format | Color |
|-------------------------------------|--|
| RYB | 29, 64, 0 |
| Decimal | 4205568 |
| CIELab | 19.60, 4.82, 28.09 |
| CIElCh | 20, 28.499, 80.273 |
| Yxy | 2.8914, 0.4782, 0.4585 |
| Android (android.graphics.Color) | 4282395648 (0xFF402C00) |
| YUV | 44.9640, -22.1673, 16.6946 |
| Hunter-Lab | 17.0040, 1.8935, 10.5109 |

Details

The Hex color **402C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001440**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **72592F**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **402C00**, and if you desaturate by 10%, it is **402E06**.

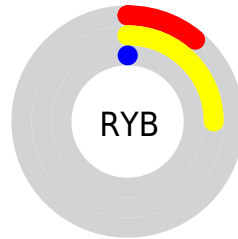
Distribution



Red (25%)

Green (17%)

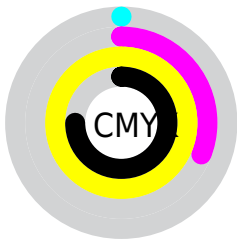
Blue (0%)



Red (11%)

Yellow (25%)

Blue (0%)

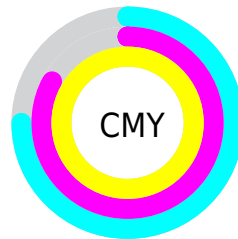


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402C00 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 402C00 by changing the saturation by 10% instead.

 402C00

 402C00

 FFFFE4

 281800

 72592F

 080000

 8D7246

 000000

 A88B5E

 C4A577

 E1C191

 FEDCAC

 FFF9C7

 402C00

■ 402E06

■ 40300D

■ 403213

■ 40341A

■ 403620

■ 403826

■ 403A2D

■ 403C33

■ 403E3A

Harmonies

Analogous

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



4E2410



402C00



2D3302

Triad

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



402C00



00393D



42244A

Complementary

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



402C00



001440

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.



232D57



402C00



00384F

Square

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



402C00



003928



003458



511C37

Rectangle

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



402C00



1D360D



003458



3A274F

Sweetspot

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



402C00



544C3B



400014



2B261C



ABABAB



2B2B2B

Same Dimension

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



402C00



543A00



344000



21201E



614300



E09A00

Inverse Universe

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



001440



001A54



0C0040



1E1F21



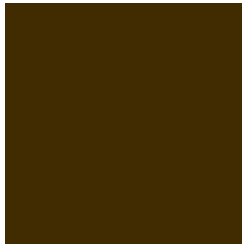
001E61



0046E0

Previews

White Background



This preview shows how the Hex color 402C00 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

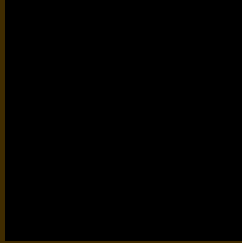
Any Text WCAG AA × Fail

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 402C00 Background



This preview shows how black text looks on a background with the Hex color 402C00.



This preview shows how white text looks on a background with the Hex color 402C00.

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
402C00

Protanopia
363004

Deuteranopia
3D2E00



Tritanopia
42292C

Trichromacy



Original Color
402C00

Protanomaly
3A2F03

Deuteranomaly
3E2D00

Tritanomaly
412A1C

Monochromacy



Original Color
402C00

Achromatopsia
2D2D2D

Achromatomaly
342D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 402C00 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 #402C00 looks like.

```
.text, #text, p{  
    color:#402C00  
}
```

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 #402C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402C00
}
```

Border

The CSS property to change the border of an element to Hex 402C00 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
#402C00 }
```

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

```
.border{ border-color:#402C00 }
```

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

Here you see how a box with a 4 pixel #402C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402C00; -webkit-box-shadow:4px 4px  
4px 4px #402C00; box-shadow:4px 4px 4px  
4px #402C00 }
```

Background

The CSS property to change the background color of an element to Hex 402C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402C00 }
```

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

```
.background{ background-color:#402C00 }
```

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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