

# Converting Colors

Hex(402F19)

Have a look what the booklet for  
Hex(402F19) contains.

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**Color**

**Hex(402F19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	402F19
RGB	64, 47, 25
RGB Percent	25%, 18%, 10%
CMY	0.7490, 0.8157, 0.9020
CMYK	0.00, 0.27, 0.61, 0.75
HSL	34°, 44%, 17%
HSV	34°, 61%, 25%
XYZ	3.3063, 3.1932, 1.3618
YIQ	49.5750, 17.1940, -3.2380

# Conversions

## Conversions Part 2

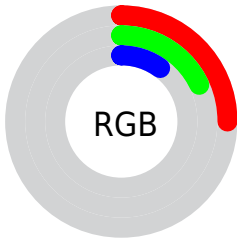
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	55, 64, 25
Decimal	4206361
CIE Lab	20.80, 4.59, 17.03
CIE LCh	21, 17.635, 74.906
Yxy	3.1932, 0.4206, 0.4062
Android (android.graphics.Color)	4282396441 (0xFF402F19)
YUV	49.5750, -12.1155, 12.6507
Hunter-Lab	17.8695, 1.7555, 7.9903

# Details

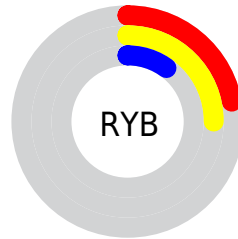
The Hex color **402F19** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **192A40**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **715D45**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **402C13**, and if you desaturate by 10%, it is **40321F**.

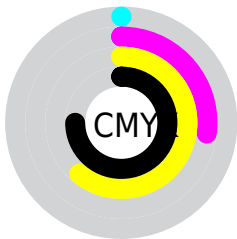
# Distribution



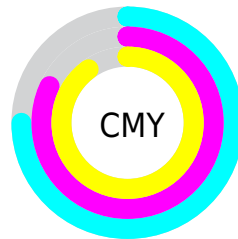
- Red (25%)
- Green (18%)
- Blue (10%)



- Red (22%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (27%)
- Yellow (61%)
- Black (75%)



- Cyan (75%)
- Magenta (82%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 402F19 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 402F19 by changing the saturation by 10% instead.





402F19



402F19

FFFFFFD



2A1A00



715D45



100000



8B755C



000000



A68F75



C1A98F



DEC5A9



FAE1C4



FFFDE0



402F19



402F19

■ 402C13

■ 40321F

■ 40290C

■ 403526

■ 402706

■ 40372C

■ 402400

■ 403A33

■ 403D39

■ 40403F

■ 404346

■ 40454C

■ 404853

# Harmonies

## Analogous

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



482B20



402F19



343318

# Triad

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



402F19



003938



3C2C44

# Complementary

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



402F19



192A40

# 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.



29314B



402F19



003844

# Square

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



402F19



14382B



11354B



472939

# Rectangle

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



402F19



2B361C



11354B



362E47



# Sweetspot

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



402F19



544E45



40192B



2B2722



ABABAB



2B2B2B



# Same Dimension

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



402F19



543917



3E4019



21201E



613700



E07F00



# Inverse Universe

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



192A40



173154



1B1940



1E1F21



002A61



0062E0



# Previews

## White Background



This preview shows how the Hex color 402F19 looks on a white background.

## Color Contrast Check

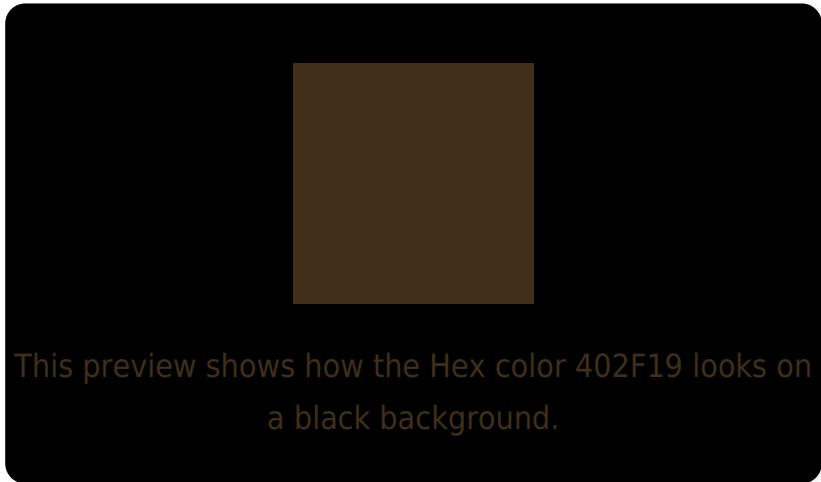
Large Text (above 18pt) WCAG AA ✓ Pass

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

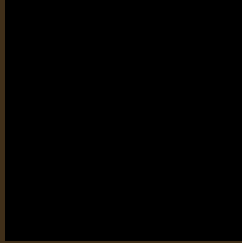
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 402F19 Background



This preview shows how black text looks on a background with the Hex color 402F19.



This preview shows how white text looks on a background with the Hex color 402F19.

# 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**  
402F19

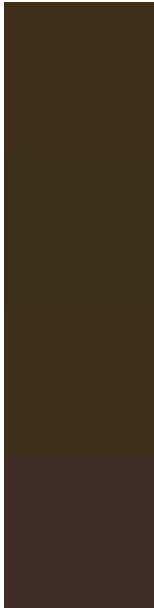
**Protanopia**  
38321A

**Deuteranopia**  
3E3019



**Tritanopia**  
422C30

# Trichromacy



**Original Color**  
402F19

**Protanomaly**  
3B311A

**Deuteranomaly**  
3F3019

**Tritanomaly**  
412D28

# Monochromacy



**Original Color**  
402F19

**Achromatopsia**  
323232

**Achromatomaly**  
373129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 402F19 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 #402F19 looks like.

```
.text, #text, p{  
    color:#402F19  
}
```

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 #402F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F19
}
```

## Border

The CSS property to change the border of an element to Hex 402F19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

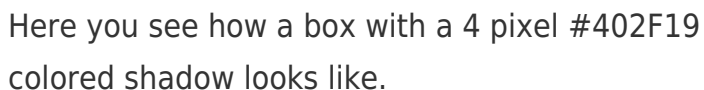
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402F19 }
```

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

```
.border{ border-color:#402F19 }
```

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



Here you see how a box with a 4 pixel #402F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F19; -webkit-box-shadow:4px 4px  
4px 4px #402F19; box-shadow:4px 4px 4px  
4px #402F19 }
```

# Background

The CSS property to change the background color of an element to Hex 402F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F19 }
```

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

```
.background{ background-color:#402F19 }
```

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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