

# Converting Colors

Hex(3F2719)

Have a look what the booklet for  
Hex(3F2719) contains.

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# Color

**Hex(3F2719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F2719
RGB	63, 39, 25
RGB Percent	25%, 15%, 10%
CMY	0.7529, 0.8471, 0.9020
CMYK	0.00, 0.38, 0.60, 0.75
HSL	22°, 43%, 17%
HSV	22°, 60%, 25%
XYZ	2.9509, 2.5780, 1.2618
YIQ	44.5800, 18.7980, 0.7340

# Conversions

## Conversions Part 2

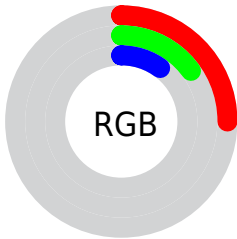
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 47, 25
Decimal	4138777
CIE Lab	18.27, 9.44, 13.82
CIE LCh	18, 16.740, 55.665
Yxy	2.5780, 0.4346, 0.3796
Android (android.graphics.Color)	4282328857 (0xFF3F2719)
YUV	44.5800, -9.6529, 16.1543
Hunter-Lab	16.0561, 4.7076, 6.5800

# Details

The Hex color **3F2719** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19313F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **705444**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **3F2313**, and if you desaturate by 10%, it is **3F2B1F**.

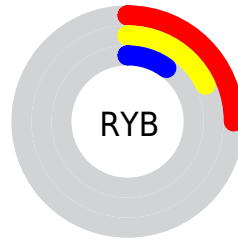
# Distribution



Red (25%)

Green (15%)

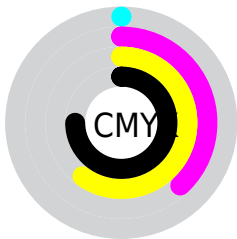
Blue (10%)



Red (25%)

Yellow (18%)

Blue (10%)

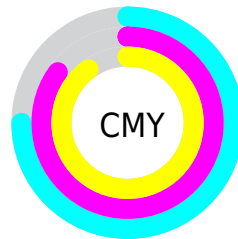


Cyan (0%)

Magenta (38%)

Yellow (60%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2719 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 3F2719 by changing the saturation by 10% instead.





3F2719



3F2719

FFFFFFC



291200



705444



050000



8A6C5C



000000



A58674



C1A08E



DDBBA8



FAD7C4



FFF3E0



3F2719



3F2719

■ 3F2313

■ 3F2B1F

■ 3F1F0C

■ 3F2F26

■ 3F1B06

■ 3F332C

■ 3F1700

■ 3F3732

■ 3F3B39

■ 3F3F3F

■ 3F4345

■ 3F474B

■ 3F4B52

# Harmonies

## Analogous

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



442423



3F2719



362B14

# Triad

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



3F2719



09332A



2B2A42

# Complementary

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



3F2719



19313F

# 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.



162E45



3F2719



003337

# Square

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



3F2719



1B321F



003140



3A263A

# Rectangle

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



3F2719



2E2E15



003140



252C44



# Sweetspot

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



3F2719



524843



3F1931



292320



A8A8A8



292929



# Same Dimension

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



3F2719



522C17



3F3A19



1F1D1C



5E2300



DE5200



# Inverse Universe

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



19313F



173C52



191E3F



1C1D1F



003C5E



008CDE



# Previews

## White Background



This preview shows how the Hex color 3F2719 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

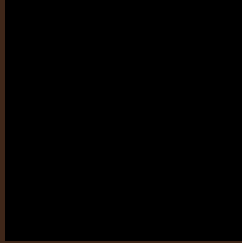
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F2719 Background



This preview shows how black text looks on a background with the Hex color 3F2719.

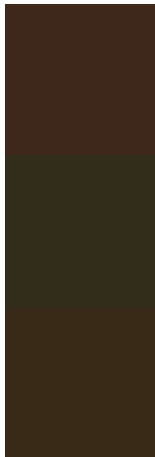


This preview shows how white text looks on a background with the Hex color 3F2719.

# 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](#).

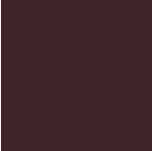
## Dichromacy



**Original Color**  
3F2719

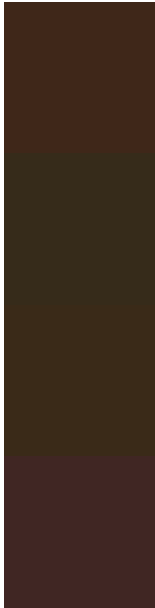
**Protanopia**  
312D1B

**Deuteranopia**  
372B18



**Tritanopia**  
402528

# Trichromacy



**Original Color**  
3F2719

**Protanomaly**  
362B1A

**Deuteranomaly**  
3A2A18

**Tritanomaly**  
402623

# Monochromacy



**Original Color**  
3F2719

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
342B26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2719 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 #3F2719 looks like.

```
.text, #text, p{  
    color:#3F2719  
}
```

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 #3F2719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2719
}
```

## Border

The CSS property to change the border of an element to Hex 3F2719 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".

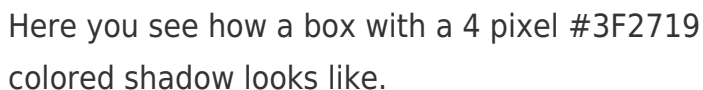
```
.border, #border, table{ border:4px solid
#3F2719 }
```

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

```
.border{ border-color:#3F2719 }
```

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

Here you see how a box with a 4 pixel #3F2719 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2719; -webkit-box-shadow:4px 4px  
4px 4px #3F2719; box-shadow:4px 4px 4px  
4px #3F2719 }
```

# Background

The CSS property to change the background color of an element to Hex 3F2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2719 }
```

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

```
.background{ background-color:#3F2719 }
```

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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