

# Converting Colors

Hex(3D2719)

Have a look what the booklet for  
Hex(3D2719) contains.

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# Color

**Hex(3D2719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D2719
RGB	61, 39, 25
RGB Percent	24%, 15%, 10%
CMY	0.7608, 0.8471, 0.9020
CMYK	0.00, 0.36, 0.59, 0.76
HSL	23°, 42%, 17%
HSV	23°, 59%, 24%
XYZ	2.8255, 2.5133, 1.2559
YIQ	43.9820, 17.6060, 0.3100

# Conversions

## Conversions Part 2

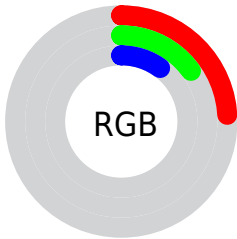
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 48, 25
Decimal	4007705
CIELab	17.98, 8.43, 13.40
CIELCh	18, 15.827, 57.821
Yxy	2.5133, 0.4284, 0.3811
Android (android.graphics.Color)	4282197785 (0xFF3D2719)
YUV	43.9820, -9.3581, 14.9248
Hunter-Lab	15.8535, 4.0693, 6.4005

# Details

The Hex color **3D2719** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **192F3D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6E5444**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D2313**, and if you desaturate by 10%, it is **3D2B1F**.

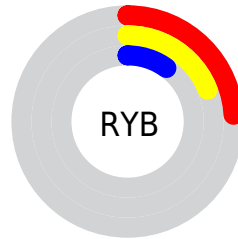
# Distribution



Red (24%)

Green (15%)

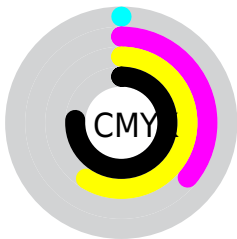
Blue (10%)



Red (24%)

Yellow (19%)

Blue (10%)

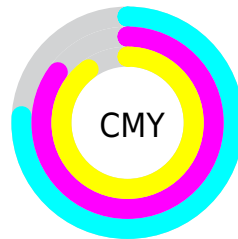


Cyan (0%)

Magenta (36%)

Yellow (59%)

Black (76%)



Cyan (76%)

Magenta (85%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D2719 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 3D2719 by changing the saturation by 10% instead.





3D2719



3D2719

FFFFFFC



271300



6E5444



000000



886C5C



A38674



BEA08E



DABBA8



F7D6C4



FFF3E0



3D2719



3D2719

■ 3D2313

■ 3D2B1F

■ 3D200D

■ 3D2E25

■ 3D1C07

■ 3D322B

■ 3D1801

■ 3D3631

■ 3D1800

■ 3D3A38

■ 3D3D3E

■ 3D4144

■ 3D454A

■ 3D4950

# Harmonies

## Analogous

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



422422



3D2719



342B15

# Triad

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



3D2719



0A322B



2C2940

# Complementary

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



3D2719



192F3D

# 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.



192D43



3D2719



003236

# Square

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



3D2719



1B311F



03303F



392538

# Rectangle

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



3D2719



2D2D16



03303F



262B42



# Sweetspot

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



3D2719



4F4641



3D192F



292320



A8A8A8



292929



# Same Dimension

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



3D2719



4F2D17



3D3919



1F1D1C



5E2500



DE5600



# Inverse Universe

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



192F3D



17394F



191D3D



1C1D1F



003A5E



0088DE



# Previews

## White Background



This preview shows how the Hex color 3D2719 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

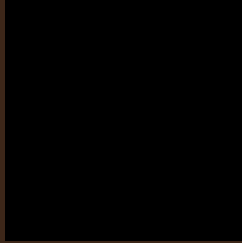
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D2719 Background



This preview shows how black text looks on a background with the Hex color 3D2719.

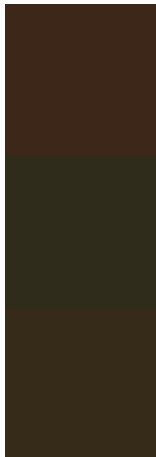


This preview shows how white text looks on a background with the Hex color 3D2719.

# 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**  
3D2719

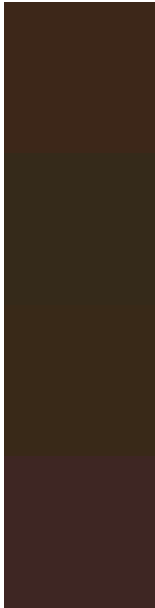
**Protanopia**  
302C1B

**Deuteranopia**  
362A18



**Tritanopia**  
3E2528

# Trichromacy



**Original Color**  
3D2719

**Protanomaly**  
352A1A

**Deuteranomaly**  
392918

**Tritanomaly**  
3E2623

# Monochromacy



**Original Color**  
3D2719

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
322A25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D2719 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 #3D2719 looks like.

```
.text, #text, p{  
    color:#3D2719  
}
```

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 #3D2719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2719
}
```

## Border

The CSS property to change the border of an element to Hex 3D2719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

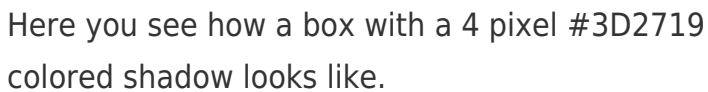
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2719 }
```

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

```
.border{ border-color:#3D2719 }
```

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



Here you see how a box with a 4 pixel #3D2719 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2719; -webkit-box-shadow:4px 4px  
4px 4px #3D2719; box-shadow:4px 4px 4px  
4px #3D2719 }
```

# Background

The CSS property to change the background color of an element to Hex 3D2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2719 }
```

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

```
.background{ background-color:#3D2719 }
```

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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