

# Converting Colors

Hex(2F251B)

Have a look what the booklet for  
Hex(2F251B) contains.

<b>Hex(2F251B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2F251B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F251B
RGB	47, 37, 27
RGB Percent	18%, 15%, 11%
CMY	0.8157, 0.8549, 0.8941
CMYK	0.00, 0.21, 0.43, 0.82
HSL	30°, 27%, 15%
HSV	30°, 43%, 18%
XYZ	2.0317, 2.0066, 1.3171
YIQ	38.8500, 9.1700, -0.9900

# Conversions

## Conversions Part 2

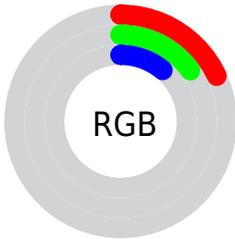
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 47, 27
Decimal	3089691
CIELab	15.52, 2.89, 8.44
CIElCh	16, 8.919, 71.069
Yxy	2.0066, 0.3794, 0.3747
Android (android.graphics.Color)	4281279771 (0xFF2F251B)
YUV	38.8500, -5.8421, 7.1475
Hunter-Lab	14.1655, 0.8119, 4.4029

# Details

The Hex color **2F251B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B252F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D5246**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2316**, and if you desaturate by 10%, it is **2F2720**.

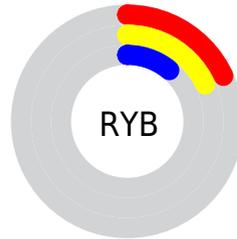
# Distribution



Red (18%)

Green (15%)

Blue (11%)



Red (18%)

Yellow (18%)

Blue (11%)



Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F251B 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 2F251B by changing the saturation by 10% instead.



2F251B



2F251B

FFFFFF



1C1000



5D5246



000000



766A5E



908377



AB9D90



C6B8AB



E2D3C6



FFF0E2



2F251B



2F251B

■ 2F2316

■ 2F2720

■ 2F2012

■ 2F2A24

■ 2F1E0D

■ 2F2C29

■ 2F1C08

■ 2F2E2E

■ 2F1903

■ 2F3133

■ 2F1800

■ 2F3337

■ 2F353C

■ 2F3841

■ 2F3A45

# Harmonies

## Analogous

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



33231F



2F251B



29271A

# Triad

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



2F251B



162A29



2B2430

# Complementary

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



2F251B



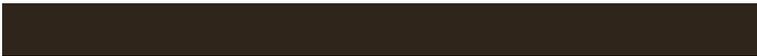
1B252F

# 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.



222733



2F251B



152A2F

# Square

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



2F251B



1B2A22



1A2933



31232B

# Rectangle

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



2F251B



24281C



1A2933



282532

# Sweetspot

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



2F251B



3D3935



2F1B25



1F1C1A



9E9E9E



1F1F1F



# Same Dimension

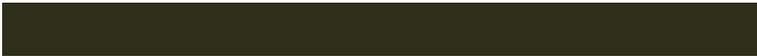
The Same Dimension uses a secret algorithm to generate beautiful new colors.



2F251B



3D2E1E



2F2F1B



171615



572B00



D66B00



# Inverse Universe

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



1B252F



1E2E3D



1B1B2F



151617



002B57



006BD6



# Previews

## White Background



This preview shows how the Hex color 2F251B 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

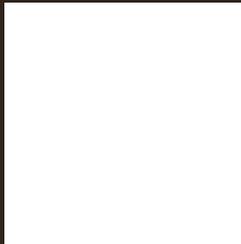
Any Text WCAG AAA × Fail

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

## Hex 2F251B Background



This preview shows how black text looks on a background with the Hex color 2F251B.



This preview shows how white text looks on a background with the Hex color 2F251B.

# 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**  
2F251B

**Protanopia**  
2A271C

**Deuteranopia**  
2E251B



**Tritanopia**  
302426

# Trichromacy



**Original Color**

2F251B

**Protanomaly**

2C261C

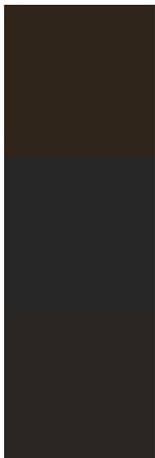
**Deuteranomaly**

2E251B

**Tritanomaly**

302422

# Monochromacy



**Original Color**

2F251B

**Achromatopsia**

272727

**Achromatomaly**

2A2623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F251B 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 #2F251B looks like.

```
.text, #text, p{  
    color:#2F251B  
}
```

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 #2F251B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F251B
}
```

## Border

The CSS property to change the border of an element to Hex 2F251B 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
#2F251B }
```

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

```
.border{ border-color:#2F251B }
```

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

Here you see how a box with a 4 pixel #2F251B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F251B; -webkit-box-shadow:4px 4px  
4px 4px #2F251B; box-shadow:4px 4px 4px  
4px #2F251B }
```

# Background

The CSS property to change the background color of an element to Hex 2F251B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F251B }
```

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

```
.background{ background-color:#2F251B }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor