

Converting Colors

Hex(2F2C16)

Have a look what the booklet for
Hex(2F2C16) contains.

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Color

Hex(2F2C16)

Conversions

Conversions Part 1

Format	Color
Hex	2F2C16
RGB	47, 44, 22
RGB Percent	18%, 17%, 9%
CMY	0.8157, 0.8275, 0.9137
CMYK	0.00, 0.06, 0.53, 0.82
HSL	53°, 36%, 14%
HSV	53°, 53%, 18%
XYZ	2.2178, 2.4636, 1.1177
YIQ	42.3890, 8.8500, -6.2060

Conversions

Conversions Part 2

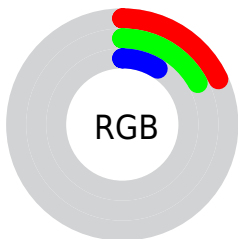
Format	Color
R_{YB}	25, 47, 22
Decimal	3091478
CIE Lab	17.75, -2.61, 14.73
CIE LCh	18, 14.959, 100.052
Yxy	2.4636, 0.3824, 0.4248
Android (android.graphics.Color)	4281281558 (0xFF2F2C16)
YUV	42.3890, -10.0518, 4.0438
Hunter-Lab	15.6960, -2.2464, 6.7652

Details

The Hex color **2F2C16** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16192F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5E5941**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2B11**, and if you desaturate by 10%, it is **2F2D1B**.

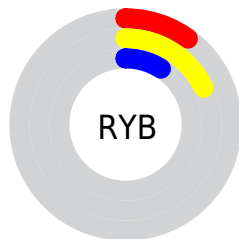
Distribution



Red (18%)

Green (17%)

Blue (9%)



Red (10%)

Yellow (18%)

Blue (9%)

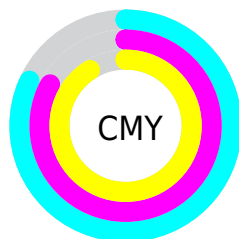


Cyan (0%)

Magenta (6%)

Yellow (53%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2C16 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 2F2C16 by changing the saturation by 10% instead.

■ 2F2C16

■ 2F2C16

■ FFFFF9

■ 1B1700

■ 5E5941

■ 000000

■ 777259

■ 908B71

■ ABA68B

■ C7C1A5

■ E3DDC0

■ FFF9DC

■ 2F2C16

■ 2F2C16

■ 2F2B11

■ 2F2D1B

■ 2F2B0D

■ 2F2D1F

■ 2F2A08

■ 2F2E24

■ 2F2A03

■ 2F2E29

■ 2F2900

■ 2F2F2E

■ 2F2F32

■ 2F3037

■ 2F313C

■ 2F3140

Harmonies

Analogous

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



392817



2F2C16



232F1B

Triad

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



2F2C16



013139



3C2433

Complementary

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



2F2C16



16192F

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.



31273C



2F2C16



0F2F3F

Square

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



2F2C16



06312F



222B41



402328

Rectangle

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



2F2C16



1A3020



222B41



392536

Sweetspot

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



2F2C16



3D3C33



2F1619



1F1E19



9E9E9E



1F1F1F

Same Dimension

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



2F2C16



3D3816



262F16



171715



574C00



D6BC00

Inverse Universe

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



16192F



161B3D



1F162F



151517



000A57



001AD6

Previews

White Background



This preview shows how the Hex color 2F2C16 looks on a white background.

Color Contrast Check

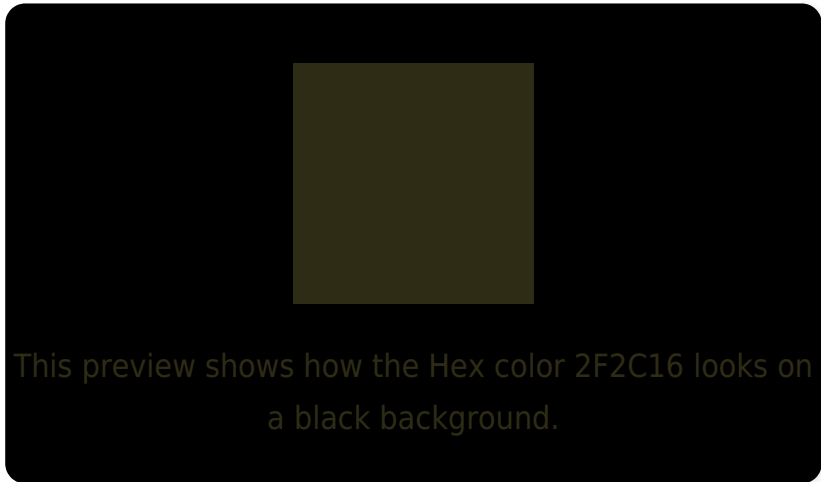
Large Text (above 18pt) WCAG AA ✓ Pass

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

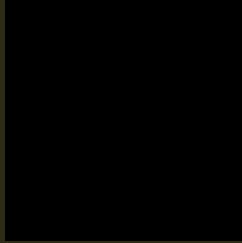
Any Text WCAG AA × Fail

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 2F2C16 Background



This preview shows how black text looks on a background with the Hex color 2F2C16.

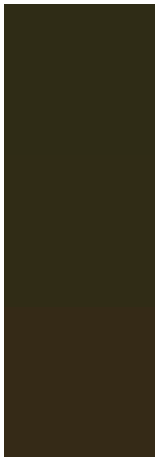


This preview shows how white text looks on a background with the Hex color 2F2C16.

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
2F2C16

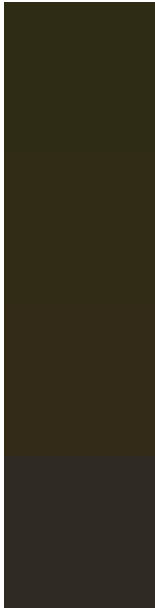
Protanopia
302C16

Deuteranopia
352A17



Tritanopia
31292D

Trichromacy



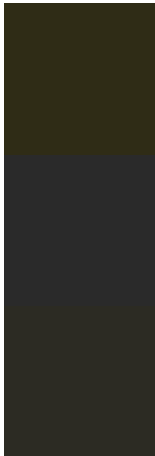
Original Color
2F2C16

Protanomaly
302C16

Deuteranomaly
332B17

Tritanomaly
302A25

Monochromacy



Original Color
2F2C16

Achromatopsia
2A2A2A

Achromatomaly
2C2B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2C16 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 #2F2C16 looks like.

```
.text, #text, p{  
    color:#2F2C16  
}
```

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 #2F2C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2C16
}
```

Border

The CSS property to change the border of an element to Hex 2F2C16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

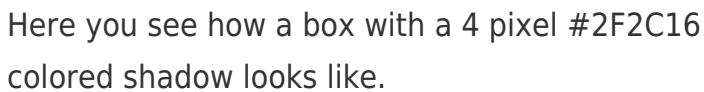
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2C16 }
```

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

```
.border{ border-color:#2F2C16 }
```

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



Here you see how a box with a 4 pixel #2F2C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2C16; -webkit-box-shadow:4px 4px  
4px 4px #2F2C16; box-shadow:4px 4px 4px  
4px #2F2C16 }
```

Background

The CSS property to change the background color of an element to Hex 2F2C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2C16 }
```

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

```
.background{ background-color:#2F2C16 }
```

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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