

Converting Colors

Hex(2F101C)

Have a look what the booklet for
Hex(2F101C) contains.

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Color

Hex(2F101C)

Conversions

Conversions Part 1

Format	Color
Hex	2F101C
RGB	47, 16, 28
RGB Percent	18%, 6%, 11%
CMY	0.8157, 0.9373, 0.8902
CMYK	0.00, 0.66, 0.40, 0.82
HSL	337°, 49%, 12%
HSV	337°, 66%, 18%
XYZ	1.5672, 1.0588, 1.2204
YIQ	26.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

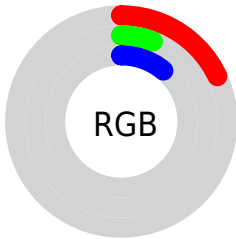
Format	Color
RYB	47, 16, 28
Decimal	3084316
CIELab	9.47, 17.47, -0.84
CIELCh	9, 17.490, 357.242
Yxy	1.0588, 0.4075, 0.2753
Android (android.graphics.Color)	4281274396 (0xFF2F101C)
YUV	26.6370, 0.6720, 17.8584
Hunter-Lab	10.2896, 9.1800, 0.1708

Details

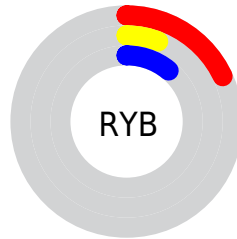
The Hex color **2F101C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **102F23**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **5F3B47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0B19**, and if you desaturate by 10%, it is **2F151F**.

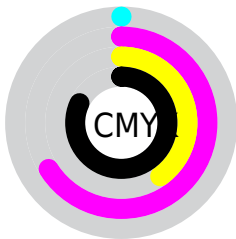
Distribution



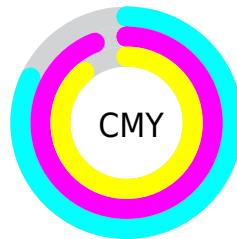
- Red (18%)
- Green (6%)
- Blue (11%)



- Red (18%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (40%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F101C 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 2F101C by changing the saturation by 10% instead.

 2F101C

 2F101C

 FFF2FF

 1D0001

 5F3B47

 000000

 78535F

 926B78

 AD8491

 C89FAC

 E5BAC7

 FFD6E3

 2F101C

 2F101C

■ 2F0B19

■ 2F151F

■ 2F0716

■ 2F1922

■ 2F0213

■ 2F1E25

■ 2F0012

■ 2F2328

■ 2F282A

■ 2F2C2D

■ 2F3130

■ 2F3633

■ 2F3A36

Harmonies

Analogous

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



281327



2F101C



30110F

Triad

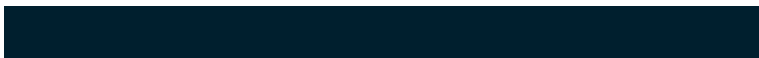
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F101C



181D00



001F2E

Complementary

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



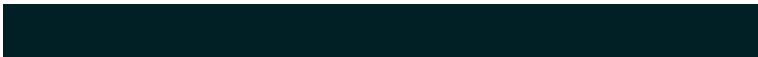
2F101C



102F23

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.



002025



2F101C



071F0B

Square

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



2F101C



231900



002019



001C32

Rectangle

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



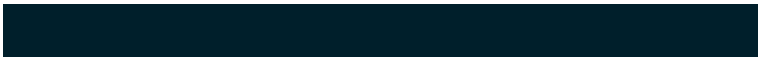
2F101C



2E1304



002019



001F2B

Sweetspot

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



2F101C



3D3136



23102F



1F171A



9E9E9E



1F1F1F

Same Dimension

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



2F101C



3D0D20



2F1310



171516



570022



D60053

Inverse Universe

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



2F101C



3D0D20



102C2F



171516



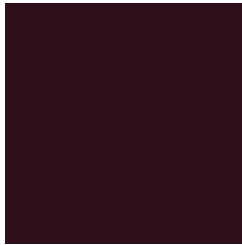
570022



D60053

Previews

White Background



This preview shows how the Hex color 2F101C looks on a white background.

Color Contrast Check

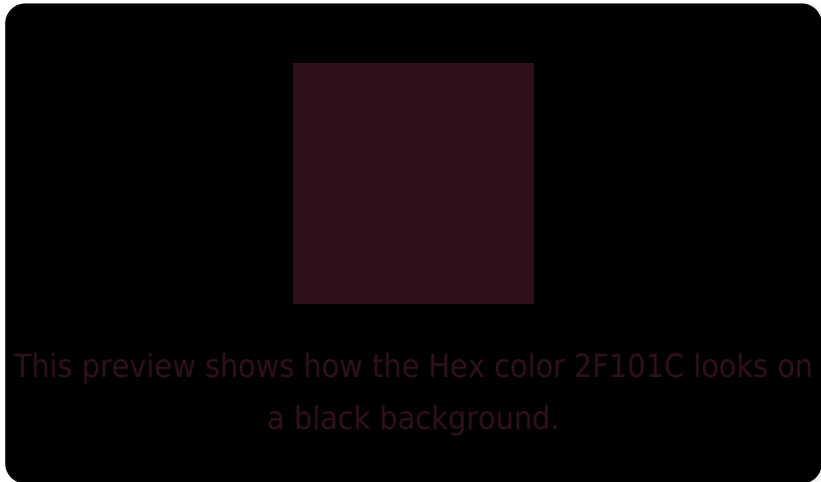
Large Text (above 18pt) WCAG AA ✓ Pass

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

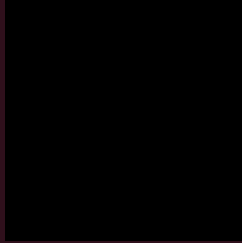
Any Text WCAG AA × Fail

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 2F101C Background



This preview shows how black text looks on a background with the Hex color 2F101C.



This preview shows how white text looks on a background with the Hex color 2F101C.

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
2F101C

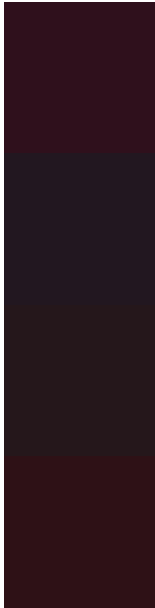
Protanopia
1A1B23

Deuteranopia
1F1B1A



Tritanopia
2E1213

Trichromacy



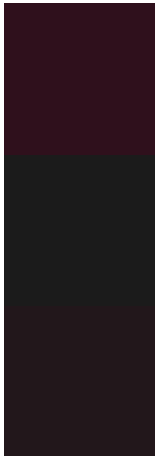
Original Color
2F101C

Protanomaly
221720

Deuteranomaly
25171B

Tritanomaly
2E1116

Monochromacy



Original Color
2F101C

Achromatopsia
1B1B1B

Achromatomaly
22171B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F101C 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 #2F101C looks like.

```
.text, #text, p{  
    color:#2F101C  
}
```

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 #2F101C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F101C
}
```

Border

The CSS property to change the border of an element to Hex 2F101C is called "border". The border property can be set on classes, ids or directly on the HTML element.

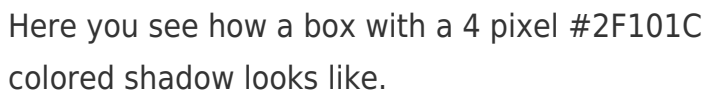
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F101C }
```

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

```
.border{ border-color:#2F101C }
```

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



Here you see how a box with a 4 pixel #2F101C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F101C; -webkit-box-shadow:4px 4px  
4px 4px #2F101C; box-shadow:4px 4px 4px  
4px #2F101C }
```

Background

The CSS property to change the background color of an element to Hex 2F101C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F101C }
```

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

```
.background{ background-color:#2F101C }
```

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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