

Converting Colors

Hex(2F3123)

Have a look what the booklet for
Hex(2F3123) contains.

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Color

Hex(2F3123)

Conversions

Conversions Part 1

Format	Color
Hex	2F3123
RGB	47, 49, 35
RGB Percent	18%, 19%, 14%
CMY	0.8157, 0.8078, 0.8627
CMYK	0.04, 0.00, 0.29, 0.81
HSL	69°, 17%, 16%
HSV	69°, 29%, 19%
XYZ	2.5740, 2.9223, 2.0185
YIQ	46.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

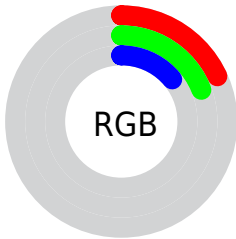
Format	Color
R_YB	35, 49, 37
Decimal	3092771
CIE Lab	19.73, -3.86, 8.67
CIE LCh	20, 9.491, 113.989
Yxy	2.9223, 0.3425, 0.3889
Android (android.graphics.Color)	4281282851 (0xFF2F3123)
YUV	46.8060, -5.8204, 0.1701
Hunter-Lab	17.0948, -3.0389, 4.9655

Details

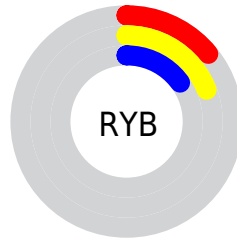
The Hex color **2F3123** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252331**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5D5F4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E311E**, and if you desaturate by 10%, it is **303128**.

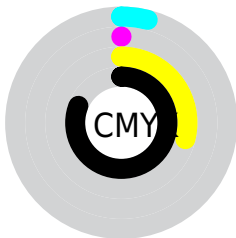
Distribution



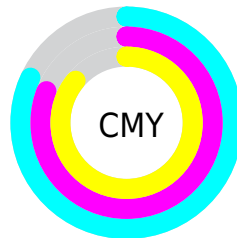
- Red (18%)
- Green (19%)
- Blue (14%)



- Red (14%)
- Yellow (19%)
- Blue (15%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (81%)



- Cyan (82%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3123 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 2F3123 by changing the saturation by 10% instead.

■ 2F3123

■ 2F3123

FFFFFF

■ 1A1C0E

■ 5D5F4F

■ 000000

■ 767868

■ 8F9181

■ AAAC9B

■ C5C7B5

■ E1E3D1

■ FEFFED

■ 2F3123

■ 2F3123

■ 2E311E

■ 303128

■ 2E3119

■ 30312D

■ 2D3114

■ 313132

■ 2C310F

■ 323137

■ 2C310B

■ 33313C

■ 2B3106

■ 333140

■ 2A3101

■ 343145

■ 2A3100

■ 35314A

■ 35314F

Harmonies

Analogous

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



362F22



2F3123



273327

Triad

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



2F3123



1E333B



3D2B31

Complementary

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



2F3123



252331

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.



372C38



2F3123



26313D

Square

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



2F3123



1C3435



2F2E3C



3E2B2A

Rectangle

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



2F3123



22332C



2F2E3C



3B2B34

Sweetspot

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



2F3123



3F403A



312523



21211E



A1A1A1



212121

Same Dimension

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



2F3123



3D402A



283123



191A17



4D5900



BAD900

Inverse Universe

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



252331



2D2A40



2C2331



17171A



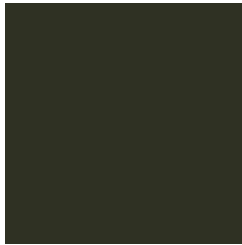
0D0059



1F00D9

Previews

White Background



This preview shows how the Hex color 2F3123 looks on a white background.

Color Contrast Check

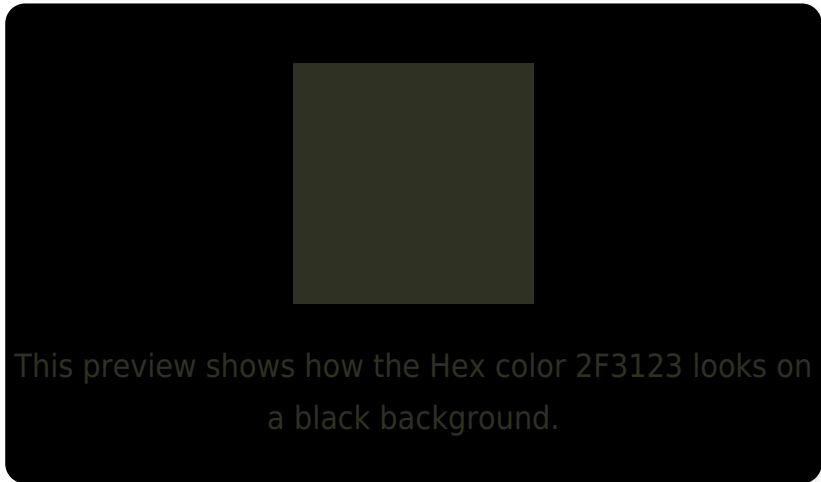
Large Text (above 18pt) WCAG AA ✓ Pass

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

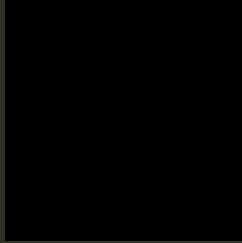
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

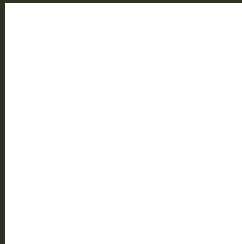
Any Text WCAG AAA × Fail

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

Hex 2F3123 Background



This preview shows how black text looks on a background with the Hex color 2F3123.

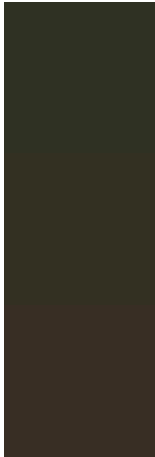


This preview shows how white text looks on a background with the Hex color 2F3123.

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
2F3123

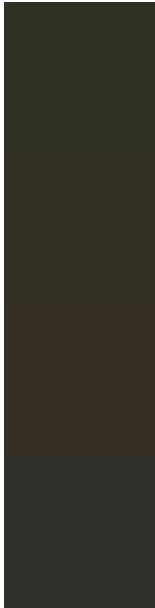
Protanopia
333022

Deuteranopia
382E24



Tritanopia
312F33

Trichromacy



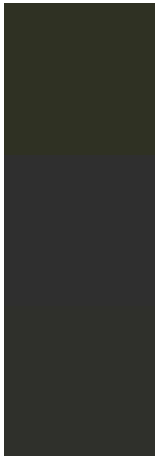
Original Color
2F3123

Protanomaly
323022

Deuteranomaly
352F24

Tritanomaly
30302D

Monochromacy



Original Color
2F3123

Achromatopsia
2F2F2F

Achromatomaly
2F302B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3123 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 #2F3123 looks like.

```
.text, #text, p{  
    color:#2F3123  
}
```

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 #2F3123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3123
}
```

Border

The CSS property to change the border of an element to Hex 2F3123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

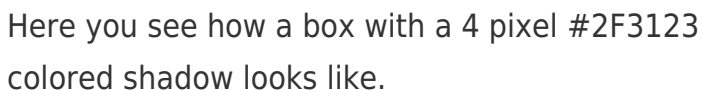
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3123 }
```

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

```
.border{ border-color:#2F3123 }
```

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



Here you see how a box with a 4 pixel #2F3123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3123; -webkit-box-shadow:4px 4px  
4px 4px #2F3123; box-shadow:4px 4px 4px  
4px #2F3123 }
```

Background

The CSS property to change the background color of an element to Hex 2F3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3123 }
```

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

```
.background{ background-color:#2F3123 }
```

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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