

Converting Colors

Hex(2F232A)

Have a look what the booklet for
Hex(2F232A) contains.

Hex(2F232A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F232A)

Conversions

Conversions Part 1

Format	Color
Hex	2F232A
RGB	47, 35, 42
RGB Percent	18%, 14%, 16%
CMY	0.8157, 0.8627, 0.8353
CMYK	0.00, 0.26, 0.11, 0.82
HSL	325°, 15%, 16%
HSV	325°, 26%, 18%
XYZ	2.1912, 1.9736, 2.4559
YIQ	39.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

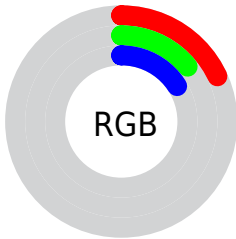
Format	Color
R_YB	47, 35, 42
Decimal	3089194
CIE Lab	15.35, 7.18, -2.46
CIE LCh	15, 7.594, 341.095
Yxy	1.9736, 0.3310, 0.2981
Android (android.graphics.Color)	4281279274 (0xFF2F232A)
YUV	39.3860, 1.2887, 6.6775
Hunter-Lab	14.0484, 3.2574, -0.5312

Details

The Hex color **2F232A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232F28**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D4F57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F1E28**, and if you desaturate by 10%, it is **2F282C**.

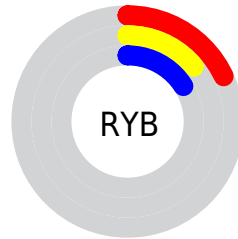
Distribution



Red (18%)

Green (14%)

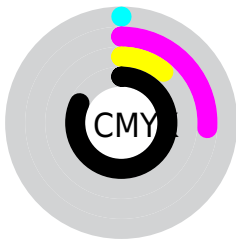
Blue (16%)



Red (18%)

Yellow (14%)

Blue (16%)

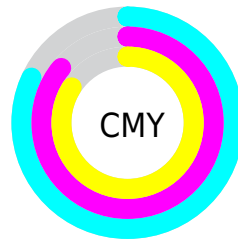


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F232A 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 2F232A by changing the saturation by 10% instead.

■ 2F232A

■ 2F232A

FFFFFF

■ 1B0E16

■ 5D4F57

■ 000000

■ 766770

■ 8F8189

■ AA9BA3

■ C5B5BE

■ E1D1DA

■ FEEDF7

■ 2F232A

■ 2F232A

■ 2F1E28

■ 2F282C

■ 2F1A26

■ 2F2C2E

■ 2F1524

■ 2F3130

■ 2F1022

■ 2F3632

■ 2F0C20

■ 2F3B34

■ 2F071E

■ 2F3F36

■ 2F021C

■ 2F4438

■ 2F001B

■ 2F493A

■ 2F4D3C

Harmonies

Analogous

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



2A242E



2F232A



312325

Triad

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



2F232A



28271C



18292D

Complementary

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



2F232A



232F28

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.



182928



2F232A



22281E

Square

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



2F232A



2E251C



1C2923



1C2830

Rectangle

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



2F232A



312321



1C2923



18292C

Sweetspot

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



2F232A



3D383B



28232F



1F1C1D



9E9E9E



1F1F1F

Same Dimension

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



2F232A



3D2A35



2F2324



171516



570033



D6007D

Inverse Universe

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



2F232A



3D2A35



232F2E



171516



570033



D6007D

Previews

White Background



This preview shows how the Hex color 2F232A looks on a white background.

Color Contrast Check

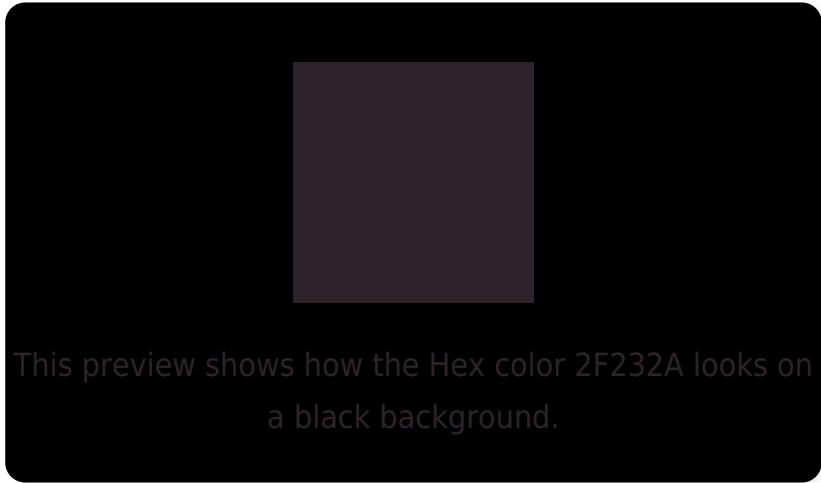
Large Text (above 18pt) WCAG AA ✓ Pass

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

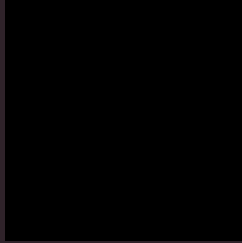
Any Text WCAG AA × Fail

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 2F232A Background



This preview shows how black text looks on a background with the Hex color 2F232A.

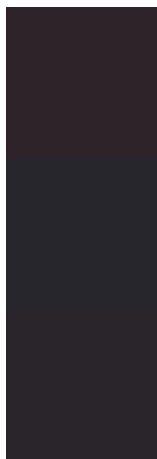


This preview shows how white text looks on a background with the Hex color 2F232A.

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

2F232A

Protanopia

26262C

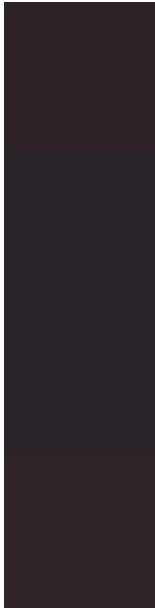
Deuteranopia

29252A



Tritanopia
2F2426

Trichromacy



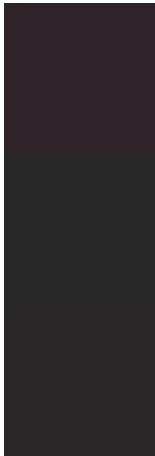
Original Color
2F232A

Protanomaly
29252B

Deuteranomaly
2B242A

Tritanomaly
2F2427

Monochromacy



Original Color
2F232A

Achromatopsia
272727

Achromatomaly
2A2628

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F232A 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 #2F232A looks like.

```
.text, #text, p{  
    color:#2F232A  
}
```

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 #2F232A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F232A
}
```

Border

The CSS property to change the border of an element to Hex 2F232A 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
#2F232A }
```

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

```
.border{ border-color:#2F232A }
```

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

Here you see how a box with a 4 pixel #2F232A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F232A; -webkit-box-shadow:4px 4px  
4px 4px #2F232A; box-shadow:4px 4px 4px  
4px #2F232A }
```

Background

The CSS property to change the background color of an element to Hex 2F232A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F232A }
```

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

```
.background{ background-color:#2F232A }
```

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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