

Converting Colors

Hex(2F032F)

Have a look what the booklet for
Hex(2F032F) contains.

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Color

Hex(2F032F)

Conversions

Conversions Part 1

Format	Color
Hex	2F032F
RGB	47, 3, 47
RGB Percent	18%, 1%, 18%
CMY	0.8157, 0.9882, 0.8157
CMYK	0.00, 0.94, 0.00, 0.82
HSL	300°, 88%, 10%
HSV	300°, 94%, 18%
XYZ	1.7179, 0.8747, 2.7676
YIQ	21.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

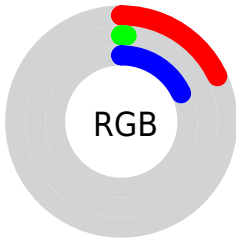
Format	Color
RYB	47, 3, 47
Decimal	3081007
CIELab	7.90, 28.20, -17.60
CIELCh	8, 33.236, 328.034
Yxy	0.8747, 0.3205, 0.1632
Android (android.graphics.Color)	4281271087 (0xFF2F032F)
YUV	21.1720, 12.7332, 22.6512
Hunter-Lab	9.3525, 16.4213, -10.9984

Details

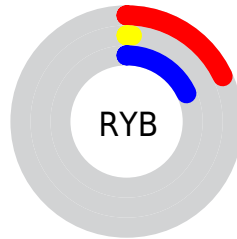
The Hex color **2F032F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **032F03**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5F315D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F002F**, and if you desaturate by 10%, it is **2F082F**.

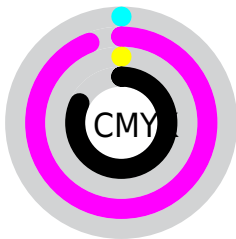
Distribution



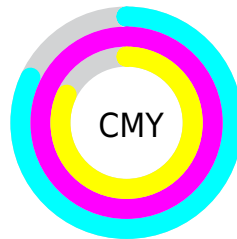
- Red (18%)
- Green (1%)
- Blue (18%)



- Red (18%)
- Yellow (1%)
- Blue (18%)



- Cyan (0%)
- Magenta (94%)
- Yellow (0%)
- Black (82%)



- Cyan (82%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F032F 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 2F032F by changing the saturation by 10% instead.

 2F032F

 2F032F

 FFE7FF

 1A001A

 5F315D

 000000

 794876

 936190

 AE7AAA

 CA94C6

 E6AFE2

 FFCBFE

 2F032F

 2F032F

■ 2F002F

■ 2F082F

■ 2F0C2F

■ 2F112F

■ 2F162F

■ 2F1B2F

■ 2F1F2F

■ 2F242F

■ 2F292F

■ 2F2D2F

Harmonies

Analogous

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



0D123F



2F032F



3B001A

Triad

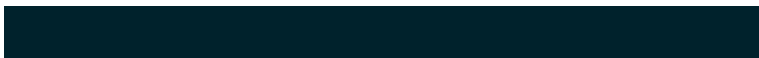
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F032F



201600



00222C

Complementary

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



2F032F



032F03

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.



002315



2F032F



041D00

Square

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



2F032F



300B00



002100



00203D

Rectangle

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



2F032F



3C0006



002100



002324

Sweetspot

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



2F032F



3D2C3D



03032F



1F141F



9E9E9E



1F1F1F

Same Dimension

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



2F032F



3D003D



2F0319



171517



570057



D600D6

Inverse Universe

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



2F032F



3D003D



032F19



171517



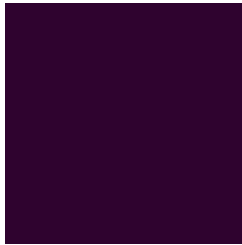
570057



D600D6

Previews

White Background



This preview shows how the Hex color 2F032F 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

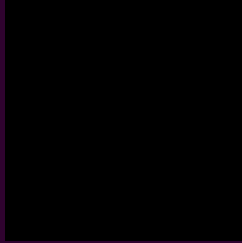
Any Text WCAG AA × Fail

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 2F032F Background



This preview shows how black text looks on a background with the Hex color 2F032F.



This preview shows how white text looks on a background with the Hex color 2F032F.

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
2F032F

Protanopia
001A37

Deuteranopia
101B2C



Tritanopia
2C1314

Trichromacy



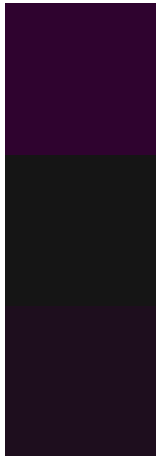
Original Color
2F032F

Protanomaly
111234

Deuteranomaly
1B122D

Tritanomaly
2D0D1E

Monochromacy



Original Color
2F032F

Achromatopsia
151515

Achromatomaly
1E0E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F032F 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 #2F032F looks like.

```
.text, #text, p{  
    color:#2F032F  
}
```

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 #2F032F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F032F
}
```

Border

The CSS property to change the border of an element to Hex 2F032F is called "border". The border property can be set on classes, ids or directly on the HTML element.

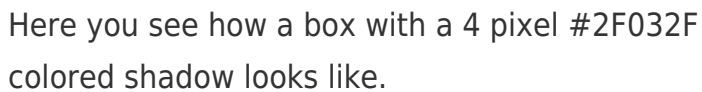
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F032F }
```

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

```
.border{ border-color:#2F032F }
```

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



Here you see how a box with a 4 pixel #2F032F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F032F; -webkit-box-shadow:4px 4px  
4px 4px #2F032F; box-shadow:4px 4px 4px  
4px #2F032F }
```

Background

The CSS property to change the background color of an element to Hex 2F032F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F032F }
```

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

```
.background{ background-color:#2F032F }
```

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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