

Converting Colors

Hex(2F004C)

Have a look what the booklet for
Hex(2F004C) contains.

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Color

Hex(2F004C)

Conversions

Conversions Part 1

Format	Color
Hex	2F004C
RGB	47, 0, 76
RGB Percent	18%, 0%, 30%
CMY	0.8157, 1.0000, 0.7020
CMYK	0.38, 1.00, 0.00, 0.70
HSL	277°, 100%, 15%
HSV	277°, 100%, 30%
XYZ	2.4768, 1.1261, 6.9243
YIQ	22.7170, 3.6160, 33.6000

Conversions

Conversions Part 2

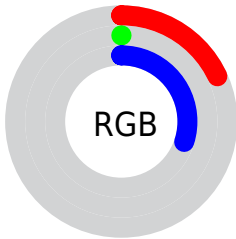
Format	Color
R_{YB}	47, 0, 76
Decimal	3080268
CIE Lab	10.00, 36.16, -35.00
CIE LCh	10, 50.328, 315.935
Yxy	1.1261, 0.2353, 0.1070
Android (android.graphics.Color)	4281270348 (0xFF2F004C)
YUV	22.7170, 26.2685, 21.2962
Hunter-Lab	10.6120, 23.0903, -31.2583

Details

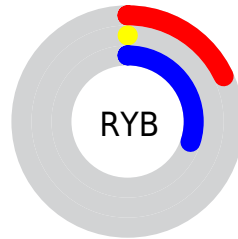
The Hex color **2F004C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1D4C00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **61317E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **2F004C**, and if you desaturate by 10%, it is **32084C**.

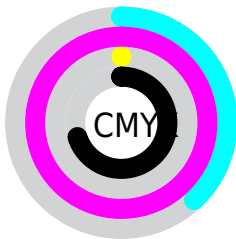
Distribution



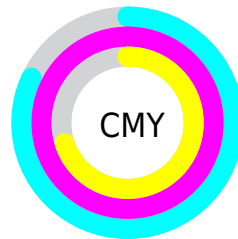
- Red (18%)
- Green (0%)
- Blue (30%)



- Red (18%)
- Yellow (0%)
- Blue (30%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F004C 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 2F004C by changing the saturation by 10% instead.


 2F004C

 2F004C

 FFE9FF

 1D0035

 61317E

 00021F

 7B4998

 000001

 9662B3

 000000

 B27BCF

 CE96EB

 EAB1FF

 FFCCFF

 2F004C

■ 32084C

■ 350F4C

■ 38174C

■ 3B1E4C

■ 3D264C

■ 402E4C

■ 43354C

■ 463D4C

■ 49444C

Harmonies

Analogous

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



001B5F



2F004C



4C002D

Triad

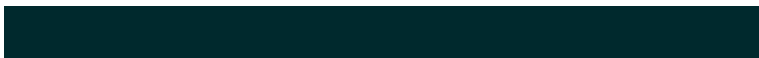
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F004C



301400



00292D

Complementary

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



2F004C



1D4C00

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.



002805



2F004C



122000

Square

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



2F004C



460000



002600



00294D

Rectangle

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



2F004C



520017



002600



002922

Sweetspot

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



2F004C



584663



001D4C



2C2133



B3B3B3



333333

Same Dimension

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



2F004C



3E0063



4C0043



252226



3F0066



8E00E6

Inverse Universe

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



4C001D



630026



004C09



262224



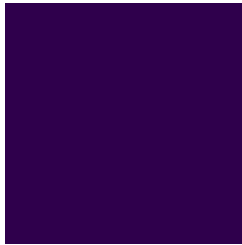
660027



E60058

Previews

White Background



This preview shows how the Hex color 2F004C looks on a white background.

Color Contrast Check

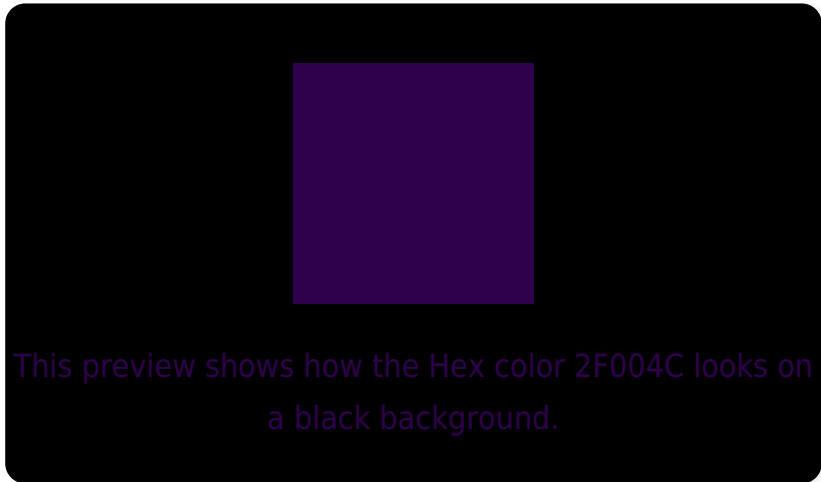
Large Text (above 18pt) WCAG AA ✓ Pass

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

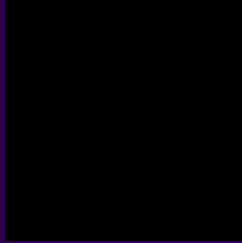
Any Text WCAG AA × Fail

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 2F004C Background



This preview shows how black text looks on a background with the Hex color 2F004C.



This preview shows how white text looks on a background with the Hex color 2F004C.

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
2F004C

Protanopia
001F41

Deuteranopia
002138



Tritanopia
261E20

Trichromacy



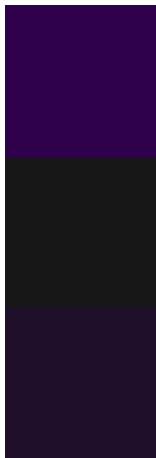
Original Color
2F004C

Protanomaly
111445

Deuteranomaly
11153F

Tritanomaly
291330

Monochromacy



Original Color
2F004C

Achromatopsia
171717

Achromatomaly
200F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F004C 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 #2F004C looks like.

```
.text, #text, p{  
    color:#2F004C  
}
```

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 #2F004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F004C
}
```

Border

The CSS property to change the border of an element to Hex 2F004C 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".

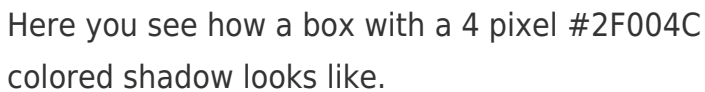
```
.border, #border, table{ border:4px solid
#2F004C }
```

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

```
.border{ border-color:#2F004C }
```

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

Here you see how a box with a 4 pixel #2F004C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F004C; -webkit-box-shadow:4px 4px  
4px 4px #2F004C; box-shadow:4px 4px 4px  
4px #2F004C }
```

Background

The CSS property to change the background color of an element to Hex 2F004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F004C }
```

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

```
.background{ background-color:#2F004C }
```

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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