

Converting Colors

Hex(2F0066)

Have a look what the booklet for
Hex(2F0066) contains.

Hex(2F0066)	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(2F0066)

Conversions

Conversions Part 1

Format	Color
Hex	2F0066
RGB	47, 0, 102
RGB Percent	18%, 0%, 40%
CMY	0.8157, 1.0000, 0.6000
CMYK	0.54, 1.00, 0.00, 0.60
HSL	268°, 100%, 20%
HSV	268°, 100%, 40%
XYZ	3.5706, 1.5636, 12.6840
YIQ	25.6810, -4.7300, 41.6860

Conversions

Conversions Part 2

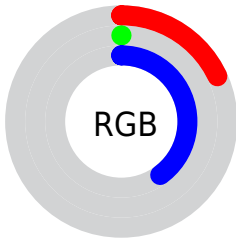
Format	Color
RYB	47, 0, 102
Decimal	3080294
CIELab	13.01, 42.43, -47.67
CIElCh	13, 63.812, 311.672
Yxy	1.5636, 0.2004, 0.0878
Android (android.graphics.Color)	4281270374 (0xFF2F0066)
YUV	25.6810, 37.6253, 18.6968
Hunter-Lab	12.5046, 29.0859, -51.3875

Details

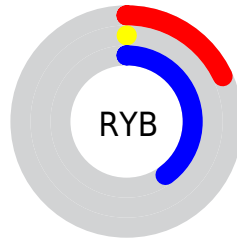
The Hex color **2F0066** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **376600**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **65349A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **2F0066**, and if you desaturate by 10%, it is **340A66**.

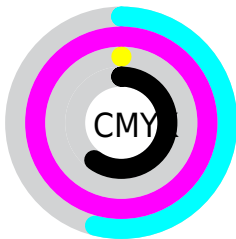
Distribution



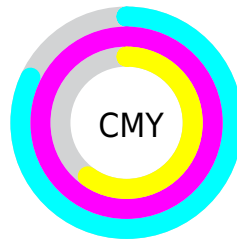
- Red (18%)
- Green (0%)
- Blue (40%)



- Red (18%)
- Yellow (0%)
- Blue (40%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0066 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 2F0066 by changing the saturation by 10% instead.

 2F0066

 2F0066


 FFEEFF

 14004D

 65349A

 000036

 804CB5

 00021F

 9B66D1

 000003

 B87FEE

 000000

 D49AFF

 F1B5FF

 FFD1FF

 2F0066

■ 340A66

■ 3A1466

■ 3F1F66

■ 452966

■ 4A3366

■ 503D66

■ 554766

■ 5B5266

■ 615C66

Harmonies

Analogous

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



00247C



2F0066



5D003F

Triad

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



2F0066



401400



003133

Complementary

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



2F0066



376600

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.



003000



2F0066



1B2600

Square

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



2F0066



5A0000



002D00



00325D

Rectangle

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



2F0066



670022



002D00



003023

Sweetspot

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



2F0066



6F5D85



003866



352A42



C2C2C2



424242

Same Dimension

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



2F0066



3D0085



610066



302E33



350073



7000F2

Inverse Universe

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



660037



850047



056600



332E31



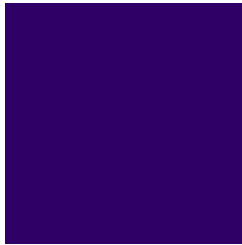
73003E



F20083

Previews

White Background



This preview shows how the Hex color 2F0066 looks on a white background.

Color Contrast Check

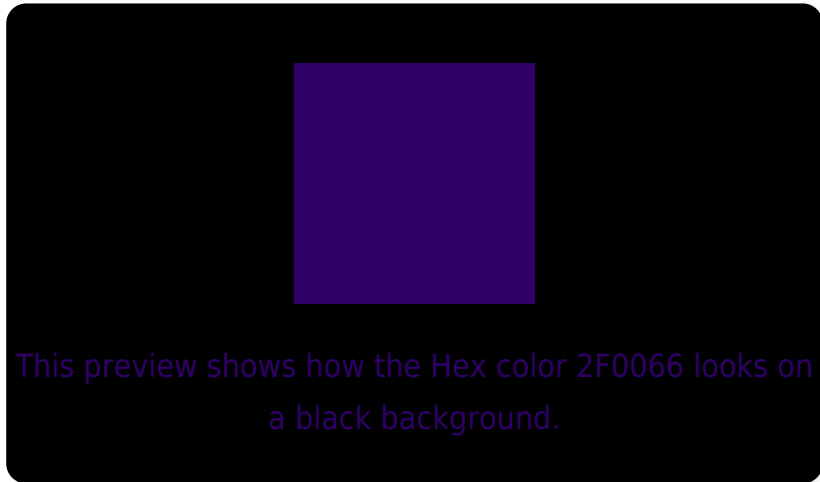
Large Text (above 18pt) WCAG AA ✓ Pass

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

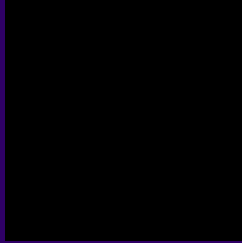
Any Text WCAG AA × Fail

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 2F0066 Background



This preview shows how black text looks on a background with the Hex color 2F0066.



This preview shows how white text looks on a background with the Hex color 2F0066.

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
2F0066

Protanopia
00254D

Deuteranopia
002741



Tritanopia
1C282B

Trichromacy



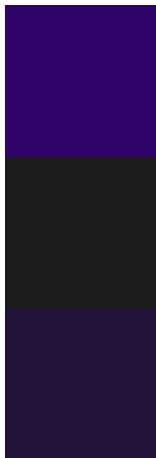
Original Color
2F0066

Protanomaly
111856

Deuteranomaly
11194E

Tritanomaly
231940

Monochromacy



Original Color
2F0066

Achromatopsia
1A1A1A

Achromatomaly
221136

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0066 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 #2F0066 looks like.

```
.text, #text, p{  
    color:#2F0066  
}
```

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 #2F0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0066  
}
```

Border

The CSS property to change the border of an element to Hex 2F0066 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".

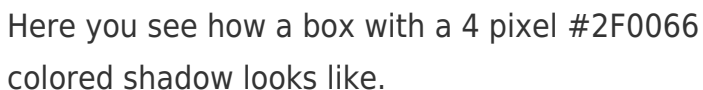
```
.border, #border, table{ border:4px solid  
#2F0066 }
```

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

```
.border{ border-color:#2F0066 }
```

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

Here you see how a box with a 4 pixel #2F0066 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0066; -webkit-box-shadow:4px 4px  
4px 4px #2F0066; box-shadow:4px 4px 4px  
4px #2F0066 }
```

Background

The CSS property to change the background color of an element to Hex 2F0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0066 }
```

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

```
.background{ background-color:#2F0066 }
```

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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