

Converting Colors

Hex(2F2F9C)

Have a look what the booklet for
Hex(2F2F9C) contains.

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Color

Hex(2F2F9C)

Conversions

Conversions Part 1

Format	Color
Hex	2F2F9C
RGB	47, 47, 156
RGB Percent	18%, 18%, 61%
CMY	0.8157, 0.8157, 0.3882
CMYK	0.70, 0.70, 0.00, 0.39
HSL	240°, 54%, 40%
HSV	240°, 70%, 61%
XYZ	8.1896, 5.0377, 31.9932
YIQ	59.4260, -34.9890, 33.8990

Conversions

Conversions Part 2

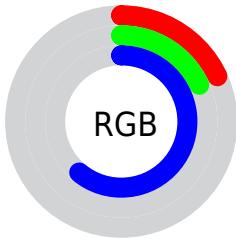
Format	Color
R_{YB}	47, 47, 156
Decimal	3092380
CIE _{Lab}	26.84, 36.18, -59.10
CIE _{LCh}	27, 69.291, 301.473
Yxy	5.0377, 0.1811, 0.1114
Android (android.graphics.Color)	4281282460 (0xFF2F2F9C)
YUV	59.4260, 47.6110, -10.8976
Hunter-Lab	22.4448, 25.8521, -68.8019

Details

The Hex color **2F2F9C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9C9C2F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6C5ED4**, and **000567** is the 20% darker color. If you saturate the color by 10%, you get **1F1F9C**, and if you desaturate by 10%, it is **3F3F9C**.

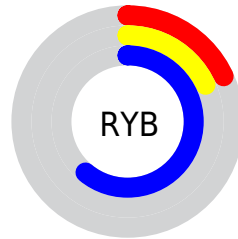
Distribution



Red (18%)

Green (18%)

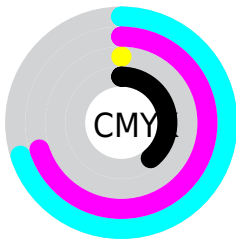
Blue (61%)



Red (18%)

Yellow (18%)

Blue (61%)

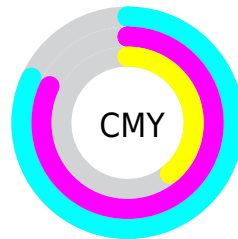


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (39%)



Cyan (82%)

Magenta (82%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2F9C 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 2F2F9C by changing the saturation by 10% instead.

■ 2F2F9C

■ 2F2F9C

FFFFFF

■ 001981

■ 6C5ED4

■ 000567

■ 8977F0

■ 00004F

■ A691FF

■ 000537

■ C3ABFF

■ 000220

■ E0C7FF

■ 000005

■ FEE3FF

■ 000000

■ 2F2F9C

■ 2F2F9C

■ 1F1F9C

■ 3F3F9C

■ 10109C

■ 4E4E9C

■ 00009C

■ 5E5E9C

■ 6D6D9C

■ 7D7D9C

■ 8D8D9C

■ 9C9C9C

■ ACAC9C

■ BBBB9C

Harmonies

Analogous

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



0047AC



2F2F9C



7D0073

Triad

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



2F2F9C



752500



005341

Complementary

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



2F2F9C



9C9C2F

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.



005001



2F2F9C



4D3F00

Square

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



2F2F9C



8F000B



0B4B00



005376

Rectangle

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



2F2F9C



910051



0B4B00



00522E

Sweetspot

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



2F2F9C



A1A1CC



2F9C9C



4D4D66



E6E6E6



666666

Same Dimension

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



2F2F9C



2121CC



662F9C



47474F



00008F



00000F

Inverse Universe

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



9C2F9C



CC21CC



669C2F



4F474F



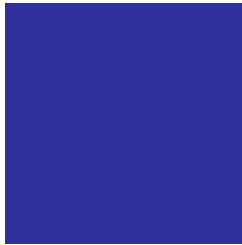
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 2F2F9C looks on a white background.

Color Contrast Check

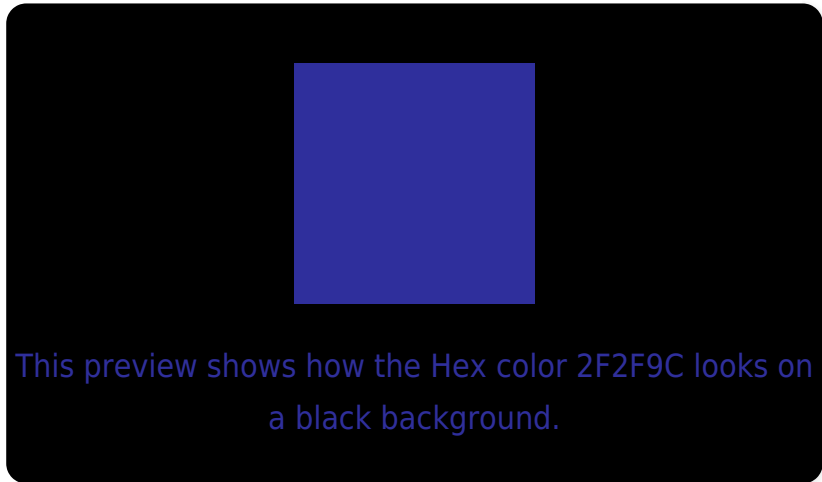
Large Text (above 18pt) WCAG AA ✓ Pass

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

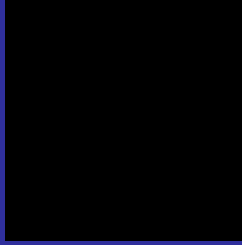
Any Text WCAG AA × Fail

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 2F2F9C Background



This preview shows how black text looks on a background with the Hex color 2F2F9C.



This preview shows how white text looks on a background with the Hex color 2F2F9C.

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
2F2F9C

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
00474B

Trichromacy



Original Color
2F2F9C

Protanomaly
11388B

Deuteranomaly
113A7F

Tritanomaly
113E68

Monochromacy



Original Color
2F2F9C

Achromatopsia
3B3B3B

Achromatomaly
37375E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2F9C 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 #2F2F9C looks like.

```
.text, #text, p{  
    color:#2F2F9C  
}
```

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 #2F2F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2F9C }  
}
```

Border

The CSS property to change the border of an element to Hex 2F2F9C 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".

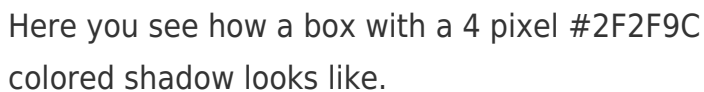
```
.border, #border, table{ border:4px solid #2F2F9C }  
}
```

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

```
.border{ border-color:#2F2F9C }
```

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

Here you see how a box with a 4 pixel #2F2F9C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2F9C; -webkit-box-shadow:4px 4px  
4px 4px #2F2F9C; box-shadow:4px 4px 4px  
4px #2F2F9C }
```

Background

The CSS property to change the background color of an element to Hex 2F2F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2F9C }
```

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

```
.background{ background-color:#2F2F9C }
```

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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