

Converting Colors

Hex(2F42A3)

Have a look what the booklet for
Hex(2F42A3) contains.

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Color

Hex(2F42A3)

Conversions

Conversions Part 1

Format	Color
Hex	2F42A3
RGB	47, 66, 163
RGB Percent	18%, 26%, 64%
CMY	0.8157, 0.7412, 0.3608
CMYK	0.71, 0.60, 0.00, 0.36
HSL	230°, 55%, 41%
HSV	230°, 71%, 64%
XYZ	9.7314, 7.1451, 35.5166
YIQ	71.3770, -42.4610, 26.1390

Conversions

Conversions Part 2

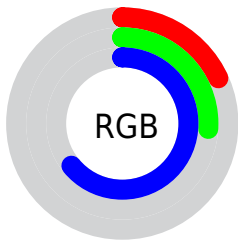
Format	Color
R _Y B	47, 63, 163
Decimal	3097251
CIE Lab	32.14, 26.43, -54.68
CIE LCh	32, 60.736, 295.797
Yxy	7.1451, 0.1857, 0.1364
Android (android.graphics.Color)	4281287331 (0xFF2F42A3)
YUV	71.3770, 45.1701, -21.3786
Hunter-Lab	26.7303, 18.2061, -60.0673

Details

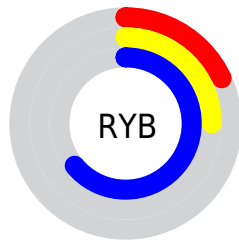
The Hex color **2F42A3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A3902F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6C72DB**, and **00186E** is the 20% darker color. If you saturate the color by 10%, you get **1F34A3**, and if you desaturate by 10%, it is **3F50A3**.

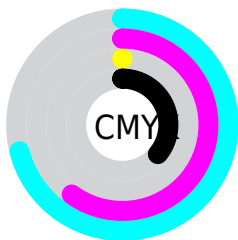
Distribution



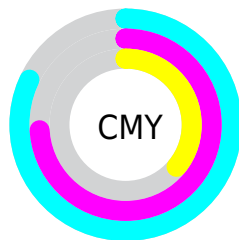
- Red (18%)
- Green (26%)
- Blue (64%)



- Red (18%)
- Yellow (25%)
- Blue (64%)



- Cyan (71%)
- Magenta (60%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F42A3 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 2F42A3 by changing the saturation by 10% instead.

■ 2F42A3

■ 2F42A3

FFFFFF

■ 002C88

■ 6C72DB

■ 00186E

■ 898BF8

■ 000055

■ A6A5FF

■ 00063D

■ C3C1FF

■ 000326

■ E0DCFF

■ 00010F

■ FEF9FF

■ 000000

■ 2F42A3

■ 2F42A3

■ 1F34A3

■ 3F50A3

■ 0E27A3

■ 505DA3

■ 001BA3

■ 606BA3

■ 7079A3

■ 8186A3

■ 9194A3

■ A1A1A3

■ B1AFA3

■ C2BDA3

Harmonies

Analogous

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



0054AC



2F42A3



7C2382

Triad

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



2F42A3



853100



005F43

Complementary

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



2F42A3



A3902F

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.



005C0C



2F42A3



634700

Square

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



2F42A3



9A0826



355500



005F74

Rectangle

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



2F42A3



930064



355500



005E32

Sweetspot

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



2F42A3



A7AED4



2FA390



50556B



EBEBEB



6B6B6B

Same Dimension

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



2F42A3



203DD4



562FA3



494B52



001891



000312

Inverse Universe

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



A32F42



D4203D



7CA32F



52494B



910018



120003

Previews

White Background



This preview shows how the Hex color 2F42A3 looks on a white background.

Color Contrast Check

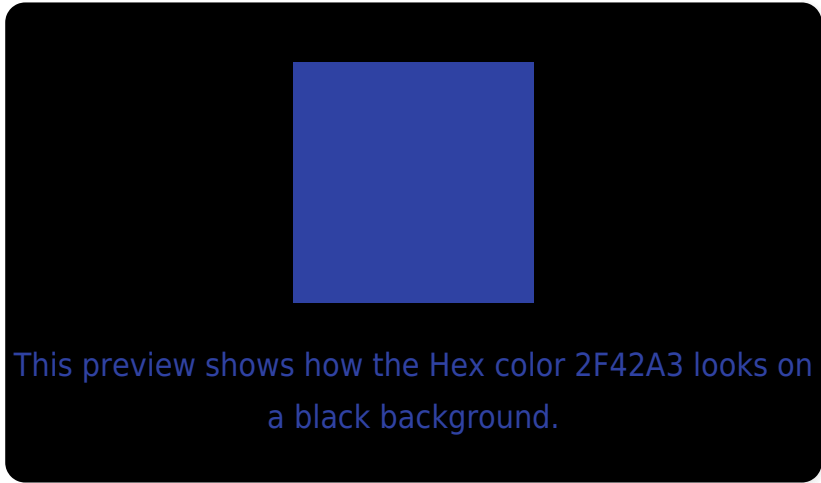
Large Text (above 18pt) WCAG AA ✓ Pass

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

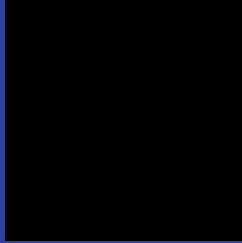
Any Text WCAG AA × Fail

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 2F42A3 Background



This preview shows how black text looks on a background with the Hex color 2F42A3.



This preview shows how white text looks on a background with the Hex color 2F42A3.

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



Trichromacy



Original Color
2F42A3

Protanomaly
11469D

Deuteranomaly
114990

Monochromacy



Original Color
2F42A3

Achromatopsia
474747

Achromatomaly
3E4568

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F42A3 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 #2F42A3 looks like.

```
.text, #text, p{  
    color:#2F42A3  
}
```

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 #2F42A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F42A3
}
```

Border

The CSS property to change the border of an element to Hex 2F42A3 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
#2F42A3 }
```

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

```
.border{ border-color:#2F42A3 }
```

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

Here you see how a box with a 4 pixel #2F42A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F42A3; -webkit-box-shadow:4px 4px  
4px 4px #2F42A3; box-shadow:4px 4px 4px  
4px #2F42A3 }
```

Background

The CSS property to change the background color of an element to Hex 2F42A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F42A3 }
```

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

```
.background{ background-color:#2F42A3 }
```

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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