

Converting Colors

Hex(2F4BC8)

Have a look what the booklet for
Hex(2F4BC8) contains.

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Color

Hex(2F4BC8)

Conversions

Conversions Part 1

Format	Color
Hex	2F4BC8
RGB	47, 75, 200
RGB Percent	18%, 29%, 78%
CMY	0.8157, 0.7059, 0.2157
CMYK	0.77, 0.62, 0.00, 0.22
HSL	229°, 62%, 48%
HSV	229°, 76%, 78%
XYZ	14.1137, 9.8066, 55.7926
YIQ	80.8780, -56.8130, 32.9390

Conversions

Conversions Part 2

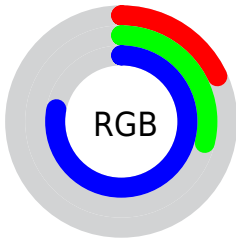
Format	Color
RYB	47, 71, 200
Decimal	3099592
CIELab	37.49, 34.20, -67.81
CIElCh	37, 75.948, 296.761
Yxy	9.8066, 0.1771, 0.1230
Android (android.graphics.Color)	4281289672 (0xFF2F4BC8)
YUV	80.8780, 58.7271, -29.7110
Hunter-Lab	31.3155, 25.6466, -83.7118

Details

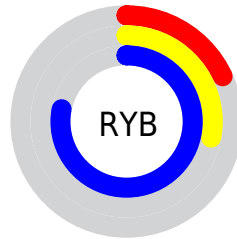
The Hex color **2F4BC8** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C8AC2F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **747CFF**, and **002091** is the 20% darker color. If you saturate the color by 10%, you get **1B3BC8**, and if you desaturate by 10%, it is **435BC8**.

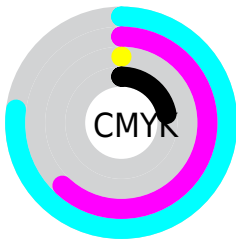
Distribution



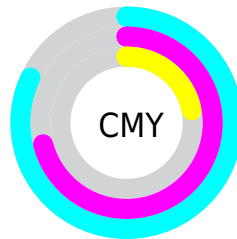
- Red (18%)
- Green (29%)
- Blue (78%)



- Red (18%)
- Yellow (28%)
- Blue (78%)



- Cyan (77%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4BC8 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 2F4BC8 by changing the saturation by 10% instead.

■ 2F4BC8

■ 2F4BC8

FFFFFF

■ 0035AC

■ 747CFF

■ 002091

■ 9395FF

■ 000E76

■ B1B0FF

■ 00005D

■ CFCBFF

■ 000744

■ EEE8FF

■ 00032D

■ 000117

■ 000000

■ 2F4BC8

■ 2F4BC8

■ 1B3BC8

■ 435BC8

■ 072AC8

■ 576CC8

■ 0025C8

■ 6B7CC8

■ 7F8CC8

■ 939DC8

■ A7ADC8

■ BBBDC8

■ CFCEC8

■ E3DEC8

Harmonies

Analogous

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



0063D5



2F4BC8



981A9D

Triad

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



2F4BC8



9F3500



007050

Complementary

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



2F4BC8



C8AC2F

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.



006C02



2F4BC8



725400

Square

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



2F4BC8



BA0026



356400



00718E

Rectangle

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



2F4BC8



B40076



356400



006F3A

Sweetspot

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



2F4BC8



C4CFFF



2FC8AC



5C6280



000000



808080

Same Dimension

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



2F4BC8



143FFF



5F2FC8



5A5B63



001EA3



000724

Inverse Universe

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



C82F4B



FF143F



98C82F



635A5B



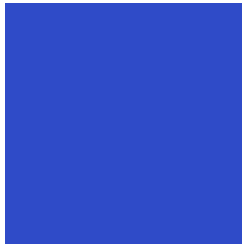
A3001E



240007

Previews

White Background



This preview shows how the Hex color 2F4BC8 looks on a white background.

Color Contrast Check

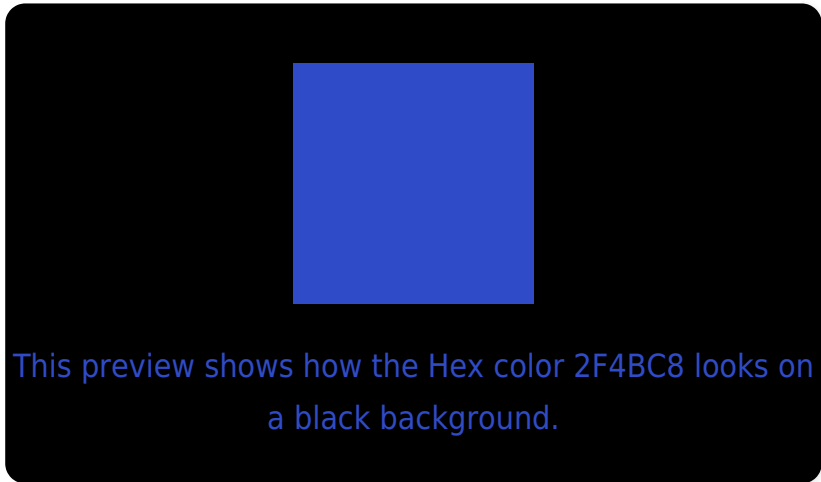
Large Text (above 18pt) WCAG AA ✓ Pass

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

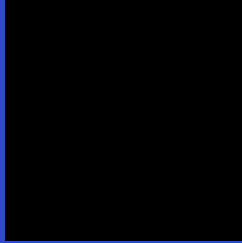
Any Text WCAG AA × Fail

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 2F4BC8 Background



This preview shows how black text looks on a background with the Hex color 2F4BC8.



This preview shows how white text looks on a background with the Hex color 2F4BC8.

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





Tritanopia
006168

Trichromacy



Original Color
2F4BC8

Protanomaly
1151BB

Deuteranomaly
1155AA

Tritanomaly
11598B

Monochromacy



Original Color
2F4BC8

Achromatopsia
515151

Achromatomaly
454F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4BC8 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 #2F4BC8 looks like.

```
.text, #text, p{  
    color:#2F4BC8  
}
```

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 #2F4BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4BC8
}
```

Border

The CSS property to change the border of an element to Hex 2F4BC8 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
#2F4BC8 }
```

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

```
.border{ border-color:#2F4BC8 }
```

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

Here you see how a box with a 4 pixel #2F4BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4BC8; -webkit-box-shadow:4px 4px  
4px 4px #2F4BC8; box-shadow:4px 4px 4px  
4px #2F4BC8 }
```

Background

The CSS property to change the background color of an element to Hex 2F4BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4BC8 }
```

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

```
.background{ background-color:#2F4BC8 }
```

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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