

Converting Colors

Hex(2F447C)

Have a look what the booklet for
Hex(2F447C) contains.

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Color

Hex(2F447C)

Conversions

Conversions Part 1

Format	Color
Hex	2F447C
RGB	47, 68, 124
RGB Percent	18%, 27%, 49%
CMY	0.8157, 0.7333, 0.5137
CMYK	0.62, 0.45, 0.00, 0.51
HSL	224°, 45%, 34%
HSV	224°, 62%, 49%
XYZ	6.8775, 6.1938, 19.9018
YIQ	68.1050, -30.4920, 12.9640

Conversions

Conversions Part 2

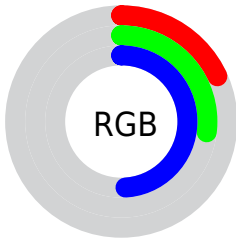
Format	Color
R_YB	47, 64, 124
Decimal	3097724
CIE _{Lab}	29.90, 10.52, -34.37
CIE _{LCh}	30, 35.947, 287.025
Yxy	6.1938, 0.2086, 0.1878
Android (android.graphics.Color)	4281287804 (0xFF2F447C)
YUV	68.1050, 27.5562, -18.5091
Hunter-Lab	24.8874, 5.7747, -29.9916

Details

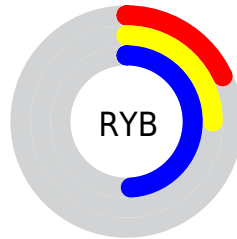
The Hex color **2F447C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C672F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6474B1**, and **001A4B** is the 20% darker color. If you saturate the color by 10%, you get **233B7C**, and if you desaturate by 10%, it is **3B4D7C**.

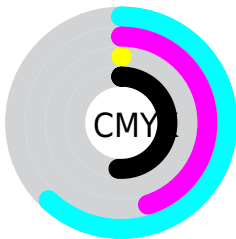
Distribution



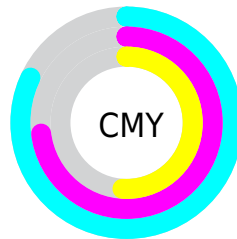
- Red (18%)
- Green (27%)
- Blue (49%)



- Red (18%)
- Yellow (25%)
- Blue (49%)



- Cyan (62%)
- Magenta (45%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F447C 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 2F447C by changing the saturation by 10% instead.



2F447C



2F447C

FFFFFF



102E63



6474B1



001A4B



7F8DCD



000034



9AA8E9



00021E



B6C3FF



000000



D2DFFF



EFFBFF



2F447C



2F447C



233B7C



3B4D7C

■ 16327C

■ 48567C

■ 0A297C

■ 545F7C

■ 00227C

■ 61687C

■ 6D717C

■ 797A7C

■ 86837C

■ 928C7C

■ 9F957C

Harmonies

Analogous

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



004D7D



2F447C



5C386D

Triad

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



2F447C



71351E



005339

Complementary

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



2F447C



7C672F

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.



25501E



2F447C



5F410B

Square

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



2F447C



792D38



464A0A



005456

Rectangle

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



2F447C



6D305D



464A0A



00522F

Sweetspot

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



2F447C



828AA1



2F7C66



3F4452



D1D1D1



525252

Same Dimension

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



2F447C



2849A1



402F7C



37393D



00227D



0045FC

Inverse Universe

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



7C2F44



A12849



6B7C2F



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 2F447C looks on a white background.

Color Contrast Check

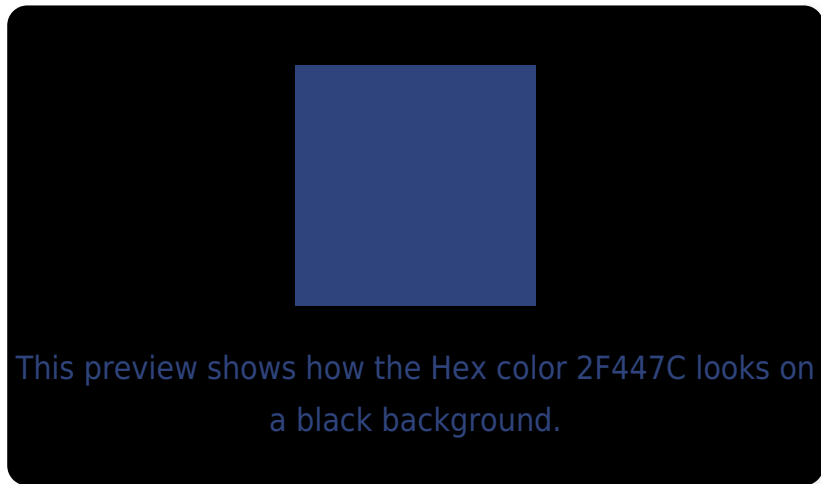
Large Text (above 18pt) WCAG AA ✓ Pass

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

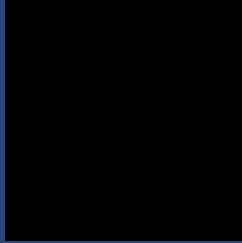
Any Text WCAG AA × Fail

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 2F447C Background



This preview shows how black text looks on a background with the Hex color 2F447C.



This preview shows how white text looks on a background with the Hex color 2F447C.

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](#).

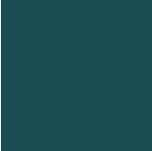
Dichromacy



Original Color
2F447C

Protanopia
2C447C

Deuteranopia
1A477B



Tritanopia
1A4D53

Trichromacy



Original Color
2F447C

Protanomaly
2D447C

Deuteranomaly
22467B

Tritanomaly
224A62

Monochromacy



Original Color
2F447C

Achromatopsia
444444

Achromatomaly
3C4458

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F447C 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 #2F447C looks like.

```
.text, #text, p{  
    color:#2F447C  
}
```

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 #2F447C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F447C
}
```

Border

The CSS property to change the border of an element to Hex 2F447C 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
#2F447C }
```

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

```
.border{ border-color:#2F447C }
```

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

Here you see how a box with a 4 pixel #2F447C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F447C; -webkit-box-shadow:4px 4px  
4px 4px #2F447C; box-shadow:4px 4px 4px  
4px #2F447C }
```

Background

The CSS property to change the background color of an element to Hex 2F447C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F447C }
```

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

```
.background{ background-color:#2F447C }
```

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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