

Converting Colors

Hex(2F477C)

Have a look what the booklet for
Hex(2F477C) contains.

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Color

Hex(2F477C)

Conversions

Conversions Part 1

Format	Color
Hex	2F477C
RGB	47, 71, 124
RGB Percent	18%, 28%, 49%
CMY	0.8157, 0.7216, 0.5137
CMYK	0.62, 0.43, 0.00, 0.51
HSL	221°, 45%, 34%
HSV	221°, 62%, 49%
XYZ	7.0636, 6.5661, 19.9639
YIQ	69.8660, -31.3170, 11.3950

Conversions

Conversions Part 2

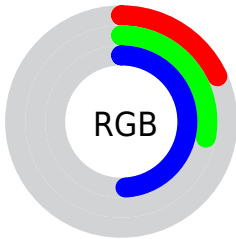
Format	Color
R_{YB}	47, 65, 124
Decimal	3098492
CIE _{Lab}	30.80, 8.50, -32.93
CIE _{LCh}	31, 34.014, 284.474
Yxy	6.5661, 0.2103, 0.1955
Android (android.graphics.Color)	4281288572 (0xFF2F477C)
YUV	69.8660, 26.6881, -20.0535
Hunter-Lab	25.6243, 4.3629, -28.2557

Details

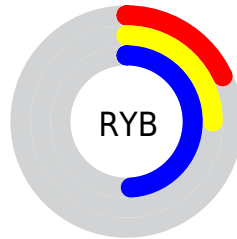
The Hex color **2F477C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C642F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6477B1**, and **001C4B** is the 20% darker color. If you saturate the color by 10%, you get **233E7C**, and if you desaturate by 10%, it is **3B507C**.

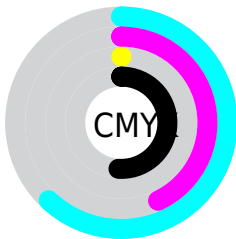
Distribution



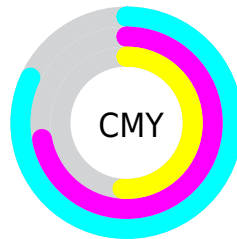
- Red (18%)
- Green (28%)
- Blue (49%)



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



- Cyan (62%)
- Magenta (43%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F477C 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 2F477C by changing the saturation by 10% instead.

■ 2F477C

■ 2F477C

FFFFFF

■ 103163

■ 6477B1

■ 001C4B

■ 7F91CD

■ 000134

■ 9AABE9

■ 00021E

■ B6C6FF

■ 000000

■ D2E2FF

■ EFFFFFF

■ 2F477C

■ 2F477C

■ 233E7C

■ 3B507C

■ 16367C

■ 48587C

■ 0A2D7C

■ 54617C

■ 00277C

■ 61697C

■ 6D727C

■ 797A7C

■ 86837C

■ 928B7C

■ 9F947C

Harmonies

Analogous

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



004F7B



2F477C



5A3C6F

Triad

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



2F477C



733824



005439

Complementary

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



2F477C



7C642F

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.



2C5120



2F477C



624213

Square

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



2F477C



79303D



4A4B10



005555

Rectangle

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



2F477C



6C3560



4A4B10



095431

Sweetspot

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



2F477C



828CA1



2F7C64



3F4552



D1D1D1



525252

Same Dimension

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



2F477C



284EA1



3D2F7C



37393D



00277D



004FFC

Inverse Universe

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



7C2F47



A1284E



6E7C2F



3D3739



7D0027



FC004F

Previews

White Background



This preview shows how the Hex color 2F477C looks on a white background.

Color Contrast Check

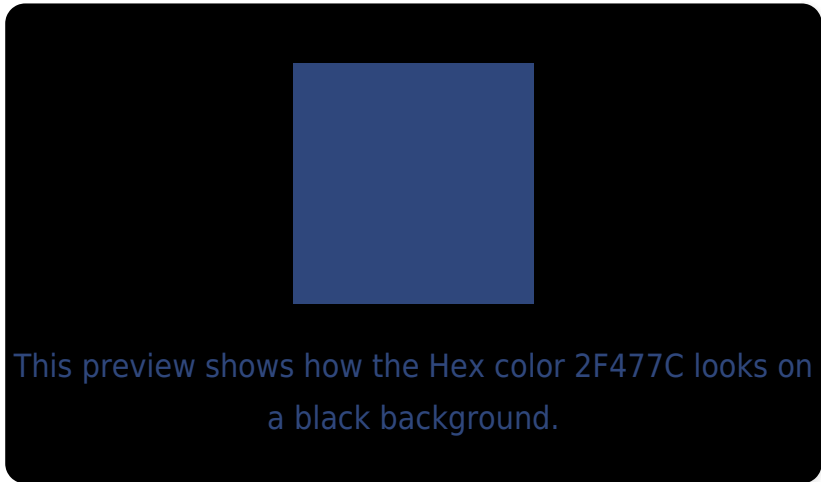
Large Text (above 18pt) WCAG AA ✓ Pass

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

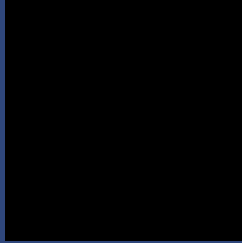
Any Text WCAG AA × Fail

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 2F477C Background



This preview shows how black text looks on a background with the Hex color 2F477C.



This preview shows how white text looks on a background with the Hex color 2F477C.

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
2F477C

Protanopia
31477C

Deuteranopia
23497B



Tritanopia
1C4F56

Trichromacy



Original Color
2F477C

Protanomaly
30477C

Deuteranomaly
27487B

Tritanomaly
234C64

Monochromacy



Original Color
2F477C

Achromatopsia
464646

Achromatomaly
3E465A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F477C 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 #2F477C looks like.

```
.text, #text, p{  
    color:#2F477C  
}
```

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 #2F477C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F477C
}
```

Border

The CSS property to change the border of an element to Hex 2F477C is called "border". The border property can be set on classes, ids or directly on the HTML element.

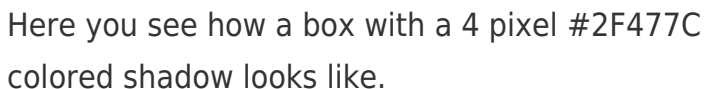
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F477C }
```

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

```
.border{ border-color:#2F477C }
```

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



Here you see how a box with a 4 pixel #2F477C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F477C; -webkit-box-shadow:4px 4px  
4px 4px #2F477C; box-shadow:4px 4px 4px  
4px #2F477C }
```

Background

The CSS property to change the background color of an element to Hex 2F477C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F477C }
```

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

```
.background{ background-color:#2F477C }
```

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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