

Converting Colors

Hex(2F4A76)

Have a look what the booklet for
Hex(2F4A76) contains.

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Color

Hex(2F4A76)

Conversions

Conversions Part 1

Format	Color
Hex	2F4A76
RGB	47, 74, 118
RGB Percent	18%, 29%, 46%
CMY	0.8157, 0.7098, 0.5373
CMYK	0.60, 0.37, 0.00, 0.54
HSL	217°, 43%, 32%
HSV	217°, 60%, 46%
XYZ	6.8911, 6.8099, 18.0908
YIQ	70.9430, -30.2160, 7.9600

Conversions

Conversions Part 2

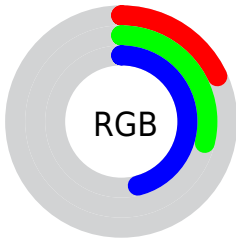
Format	Color
R_{YB}	47, 67, 118
Decimal	3099254
CIE _{Lab}	31.37, 4.31, -28.28
CIE _{LCh}	31, 28.604, 278.664
Yxy	6.8099, 0.2168, 0.2142
Android (android.graphics.Color)	4281289334 (0xFF2F4A76)
YUV	70.9430, 23.1991, -20.9980
Hunter-Lab	26.0958, 1.4687, -22.8355

Details

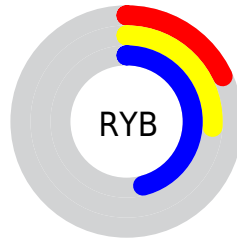
The Hex color **2F4A76** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **765B2F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **637AAA**, and **001F45** is the 20% darker color. If you saturate the color by 10%, you get **234376**, and if you desaturate by 10%, it is **3B5176**.

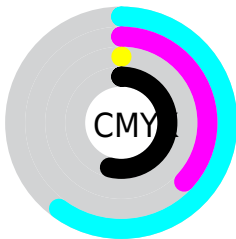
Distribution



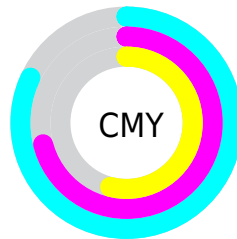
- Red (18%)
- Green (29%)
- Blue (46%)



- Red (18%)
- Yellow (26%)
- Blue (46%)



- Cyan (60%)
- Magenta (37%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4A76 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 2F4A76 by changing the saturation by 10% instead.

■ 2F4A76

■ 2F4A76

FFFFFF

■ 12345D

■ 637AAA

■ 001F45

■ 7E94C6

■ 00052F

■ 99AFE2

■ 000119

■ B4CAFF

■ 000000

■ D0E6FF

■ EDFFFF

■ 2F4A76

■ 2F4A76

■ 234376

■ 3B5176

■ 173B76

■ 475976

■ 0C3476

■ 526076

■ 002D76

■ 5E6776

■ 6A6F76

■ 767676

■ 827D76

■ 8D8576

■ 998C76

Harmonies

Analogous

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



005173



2F4A76



54416D

Triad

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



2F4A76



713B2F



175439

Complementary

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



2F4A76



765B2F

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.



395125



2F4A76



644320

Square

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



2F4A76



743744



514B1C



005550

Rectangle

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



2F4A76



643C61



514B1C



255332

Sweetspot

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



2F4A76



7D8899



2F765B



3C424D



CCCCCC



4D4D4D

Same Dimension

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



2F4A76



2B5599



372F76



35373B



002F7A



005FFA

Inverse Universe

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



762F4A



992B55



6E762F



3B3537



7A002F



FA005F

Previews

White Background



This preview shows how the Hex color 2F4A76 looks on a white background.

Color Contrast Check

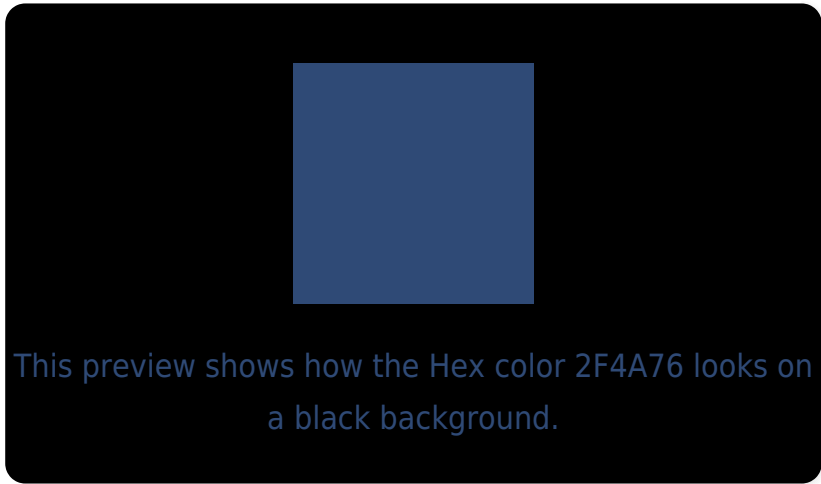
Large Text (above 18pt) WCAG AA ✓ Pass

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

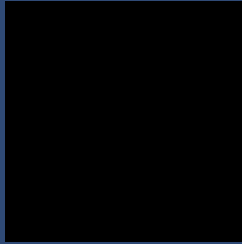
Any Text WCAG AA × Fail

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 2F4A76 Background



This preview shows how black text looks on a background with the Hex color 2F4A76.



This preview shows how white text looks on a background with the Hex color 2F4A76.

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
2F4A76

Protanopia
394874

Deuteranopia
304A76



Tritanopia
215057

Trichromacy



Original Color

2F4A76

Protanomaly

354975

Deuteranomaly

304A76

Tritanomaly

264E62

Monochromacy



Original Color

2F4A76

Achromatopsia

474747

Achromatomaly

3E4858

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4A76 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 #2F4A76 looks like.

```
.text, #text, p{  
    color:#2F4A76  
}
```

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 #2F4A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4A76  
}
```

Border

The CSS property to change the border of an element to Hex 2F4A76 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".

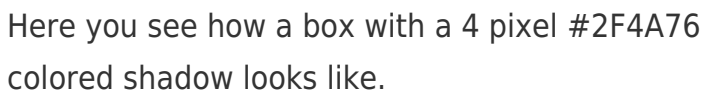
```
.border, #border, table{ border:4px solid  
#2F4A76 }
```

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

```
.border{ border-color:#2F4A76 }
```

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

Here you see how a box with a 4 pixel #2F4A76 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4A76; -webkit-box-shadow:4px 4px  
4px 4px #2F4A76; box-shadow:4px 4px 4px  
4px #2F4A76 }
```

Background

The CSS property to change the background color of an element to Hex 2F4A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4A76 }
```

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

```
.background{ background-color:#2F4A76 }
```

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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