

Converting Colors

Hex(2F4C74)

Have a look what the booklet for
Hex(2F4C74) contains.

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Color

Hex(2F4C74)

Conversions

Conversions Part 1

Format	Color
Hex	2F4C74
RGB	47, 76, 116
RGB Percent	18%, 30%, 45%
CMY	0.8157, 0.7020, 0.5451
CMYK	0.59, 0.34, 0.00, 0.55
HSL	215°, 42%, 32%
HSV	215°, 59%, 45%
XYZ	6.9091, 7.0342, 17.5166
YIQ	71.8890, -30.1240, 6.2920

Conversions

Conversions Part 2

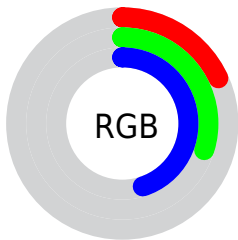
Format	Color
R_{YB}	47, 67, 116
Decimal	3099764
CIE _{Lab}	31.88, 2.27, -26.21
CIE _{LCh}	32, 26.313, 274.956
Yxy	7.0342, 0.2196, 0.2236
Android (android.graphics.Color)	4281289844 (0xFF2F4C74)
YUV	71.8890, 21.7467, -21.8277
Hunter-Lab	26.5220, 0.0866, -20.5929




Details

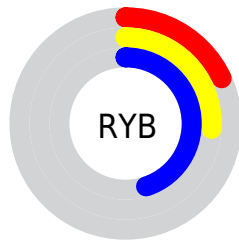
The Hex color **2F4C74** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74572F**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **637DA8**, and **002143** is the 20% darker color. If you saturate the color by 10%, you get **234574**, and if you desaturate by 10%, it is **3B5374**.

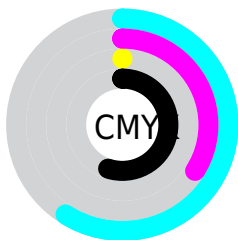
Distribution







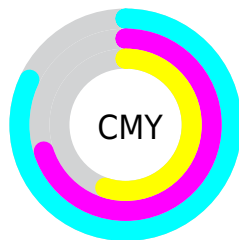
-  Red (18%)
-  Green (30%)
-  Blue (45%)






-  Red (18%)
-  Yellow (26%)
-  Blue (45%)



-  Cyan (59%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (70%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4C74 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 2F4C74 by changing the saturation by 10% instead.

■ 2F4C74

■ 2F4C74

FFFFFF

■ 12355B

■ 637DA8

■ 002143

■ 7D96C4

■ 00082D

■ 98B1E0

■ 000118

■ B4CCFC

■ 000000

■ D0E9FF

■ EDFFFF

■ 2F4C74

■ 2F4C74

■ 234574

■ 3B5374

■ 183F74

■ 465974

■ 0C3874

■ 526074

■ 013174

■ 5D6774

■ 003174

■ 696E74

■ 757474

■ 807B74

■ 8C8274

■ 978974

Harmonies

Analogous

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



005270



2F4C74



51446D

Triad

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



2F4C74



703D34



235439

Complementary

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



2F4C74



74572F

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.



3F5128



2F4C74



664426

Square

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



2F4C74



723A48



544B21



00564E

Rectangle

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



2F4C74



613F63



544B21



2D5332

Sweetspot

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



2F4C74



7B8796



2F7456



3C434D



CCCCCC



4D4D4D

Same Dimension

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



2F4C74



2C5996



342F74



35373B



00337A



0069FA

Inverse Universe

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



742F4C



962C59



6F742F



3B3537



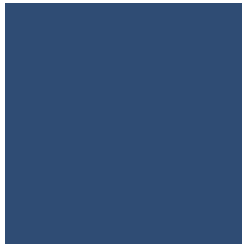
7A0033



FA0069

Previews

White Background



This preview shows how the Hex color 2F4C74 looks on a white background.

Color Contrast Check

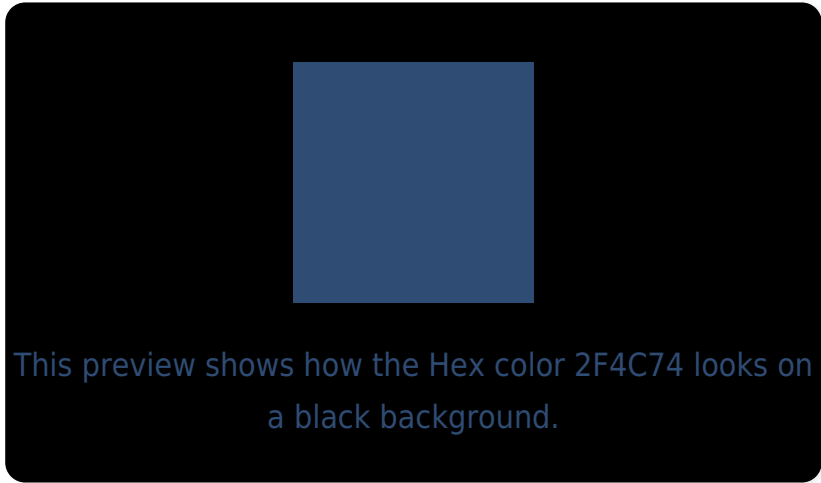
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F4C74 Background



This preview shows how black text looks on a background with the Hex color 2F4C74.



This preview shows how white text looks on a background with the Hex color 2F4C74.

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](#).

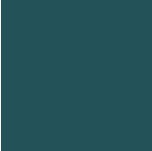
Dichromacy



Original Color
2F4C74

Protanopia
3D4972

Deuteranopia
354B74



Tritanopia
235258

Trichromacy



Original Color
2F4C74

Protanomaly
384A73

Deuteranomaly
334B74

Tritanomaly
275062

Monochromacy



Original Color
2F4C74

Achromatopsia
484848

Achromatomaly
3F4958

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4C74 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 #2F4C74 looks like.

```
.text, #text, p{  
    color:#2F4C74  
}
```

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 #2F4C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4C74
}
```

Border

The CSS property to change the border of an element to Hex 2F4C74 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".

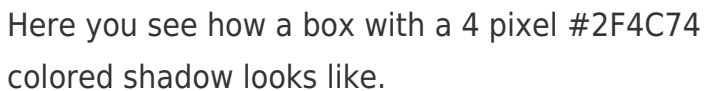
```
.border, #border, table{ border:4px solid
#2F4C74 }
```

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

```
.border{ border-color:#2F4C74 }
```

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

Here you see how a box with a 4 pixel #2F4C74 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4C74; -webkit-box-shadow:4px 4px  
4px 4px #2F4C74; box-shadow:4px 4px 4px  
4px #2F4C74 }
```

Background

The CSS property to change the background color of an element to Hex 2F4C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4C74 }
```

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

```
.background{ background-color:#2F4C74 }
```

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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