

Converting Colors

Hex(2F5F77)

Have a look what the booklet for
Hex(2F5F77) contains.

Hex(2F5F77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F5F77)

Conversions

Conversions Part 1

Format	Color
Hex	2F5F77
RGB	47, 95, 119
RGB Percent	18%, 37%, 47%
CMY	0.8157, 0.6275, 0.5333
CMYK	0.61, 0.20, 0.00, 0.53
HSL	200°, 43%, 33%
HSV	200°, 61%, 47%
XYZ	8.5943, 10.1207, 18.9533
YIQ	83.3840, -36.3120, -2.7120

Conversions

Conversions Part 2

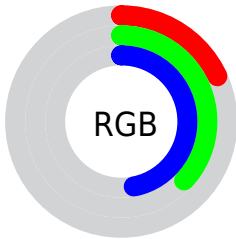
Format	Color
R_{YB}	47, 76, 119
Decimal	3104631
CIE _{Lab}	38.06, -8.59, -18.47
CIE _{LCh}	38, 20.367, 245.054
Yxy	10.1207, 0.2282, 0.2687
Android (android.graphics.Color)	4281294711 (0xFF2F5F77)
YUV	83.3840, 17.5587, -31.9088
Hunter-Lab	31.8130, -7.4510, -13.0542

Details

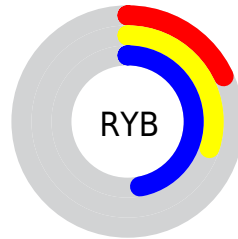
The Hex color **2F5F77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77472F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6491AB**, and **003146** is the 20% darker color. If you saturate the color by 10%, you get **235B77**, and if you desaturate by 10%, it is **3B6377**.

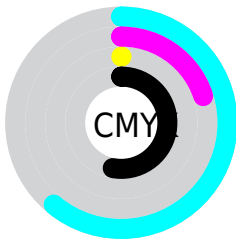
Distribution



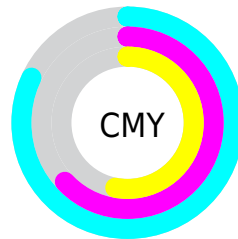
- Red (18%)
- Green (37%)
- Blue (47%)



- Red (18%)
- Yellow (30%)
- Blue (47%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)



- Cyan (82%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5F77 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 2F5F77 by changing the saturation by 10% instead.

■ 2F5F77

■ 2F5F77

FFFFFF

■ 11475E

■ 6491AB

■ 003146

■ 7EACC7

■ 001C30

■ 99C7E3

■ 00011B

■ B5E3FF

■ 000000

■ D1FFFF

■ EEEFFF

■ 2F5F77

■ 2F5F77

■ 235B77

■ 3B6377

■ 175777

■ 476777

■ 0B5377

■ 536B77

■ 004F77

■ 5F6F77

■ 6A7377

■ 767777

■ 827B77

■ 8E7F77

■ 9A8377

Harmonies

Analogous

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



21626C



2F5F77



485A7A

Triad

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



2F5F77



7A4D57



505E3E

Complementary

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



2F5F77



77472F

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.



625939



2F5F77



794F47

Square

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



2F5F77



714F68



71543C



3D614B

Rectangle

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



2F5F77



585677



71543C



575D3B

Sweetspot

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



2F5F77



80929C



2F7747



3E494F



CFCFCF



4F4F4F

Same Dimension

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



2F5F77



2A769C



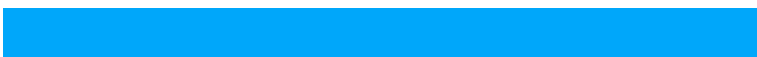
2F3B77



35393B



00527A



00A7FA

Inverse Universe

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



772F5F



9C2A76



776B2F



3B3539



7A0052



FA00A7

Previews

White Background



This preview shows how the Hex color 2F5F77 looks on a white background.

Color Contrast Check

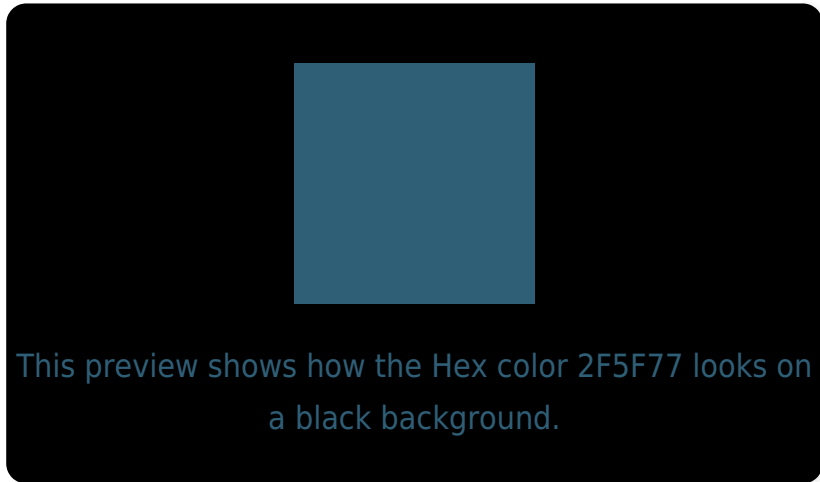
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

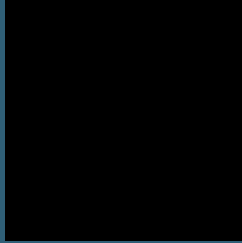
Any Text WCAG AA × Fail

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 2F5F77 Background



This preview shows how black text looks on a background with the Hex color 2F5F77.



This preview shows how white text looks on a background with the Hex color 2F5F77.

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
2F5F77

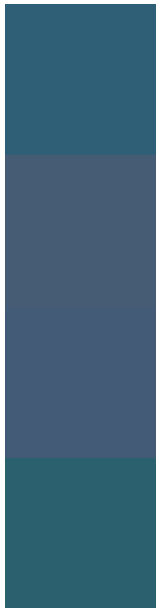
Protanopia
535872

Deuteranopia
505879



Tritanopia
296169

Trichromacy



Original Color
2F5F77

Protanomaly
465B74

Deuteranomaly
445B78

Tritanomaly
2B606E

Monochromacy



Original Color
2F5F77

Achromatopsia
535353

Achromatomaly
465760

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5F77 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 #2F5F77 looks like.

```
.text, #text, p{  
    color:#2F5F77  
}
```

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 #2F5F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5F77  
}
```

Border

The CSS property to change the border of an element to Hex 2F5F77 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  
#2F5F77 }
```

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

```
.border{ border-color:#2F5F77 }
```

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

Here you see how a box with a 4 pixel #2F5F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5F77; -webkit-box-shadow:4px 4px  
4px 4px #2F5F77; box-shadow:4px 4px 4px  
4px #2F5F77 }
```

Background

The CSS property to change the background color of an element to Hex 2F5F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5F77 }
```

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

```
.background{ background-color:#2F5F77 }
```

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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