

Converting Colors

Hex(2F5978)

Have a look what the booklet for
Hex(2F5978) contains.

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Color

Hex(2F5978)

Conversions

Conversions Part 1

Format	Color
Hex	2F5978
RGB	47, 89, 120
RGB Percent	18%, 35%, 47%
CMY	0.8157, 0.6510, 0.5294
CMYK	0.61, 0.26, 0.00, 0.53
HSL	205°, 44%, 33%
HSV	205°, 61%, 47%
XYZ	8.1348, 9.1052, 19.0980
YIQ	79.9760, -34.9830, 0.7370

Conversions

Conversions Part 2

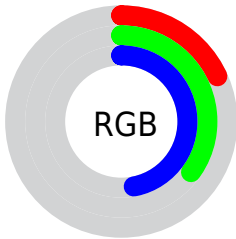
Format	Color
R_{YB}	47, 74, 120
Decimal	3103096
CIE _{Lab}	36.19, -4.59, -21.98
CIE _{LCh}	36, 22.453, 258.197
Yxy	9.1052, 0.2239, 0.2506
Android (android.graphics.Color)	4281293176 (0xFF2F5978)
YUV	79.9760, 19.7318, -28.9200
Hunter-Lab	30.1748, -4.6839, -16.4031




Details

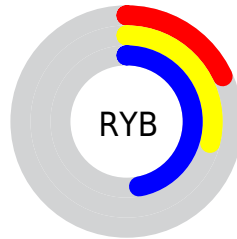
The Hex color **2F5978** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **784E2F**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **648BAC**, and **002C47** is the 20% darker color. If you saturate the color by 10%, you get **235478**, and if you desaturate by 10%, it is **3B5E78**.

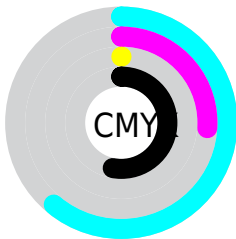
Distribution







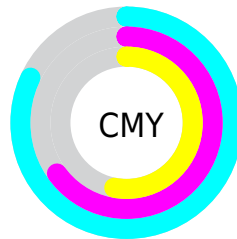
-  Red (18%)
-  Green (35%)
-  Blue (47%)






-  Red (18%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (61%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5978 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 2F5978 by changing the saturation by 10% instead.

■ 2F5978

■ 2F5978

FFFFFF

■ 11425F

■ 648BAC

■ 002C47

■ 7EA5C8

■ 001831

■ 99C0E4

■ 00011C

■ B5DCFF

■ 000000

■ D1F9FF

■ EEEFFF

■ 2F5978

■ 2F5978

■ 235478

■ 3B5E78

■ 174F78

■ 476378

■ 0B4A78

■ 536878

■ 004578

■ 5F6D78

■ 6B7278

■ 777878

■ 837D78

■ 8F8278

■ 9B8778

Harmonies

Analogous

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



115D6F



2F5978



4D5377

Triad

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



2F5978



78484B



425C3D

Complementary

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



2F5978



784E2F

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.



565732



2F5978



744B3B

Square

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



2F5978



74485D



675232



2B5E4D

Rectangle

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



2F5978



5E4F71



675232



495B38

Sweetspot

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



2F5978



80909C



2F784D



3E484F



CFCFCF



4F4F4F

Same Dimension

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



2F5978



2A6B9C



2F3578



373B3D



00487D



0091FC

Inverse Universe

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



782F59



9C2A6B



78722F



3D373B



7D0048



FC0091

Previews

White Background



This preview shows how the Hex color 2F5978 looks on a white background.

Color Contrast Check

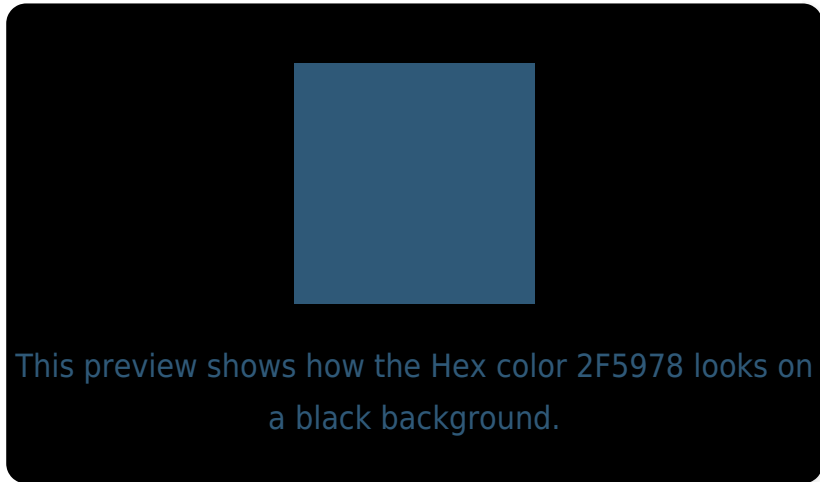
Large Text (above 18pt) WCAG AA ✓ Pass

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

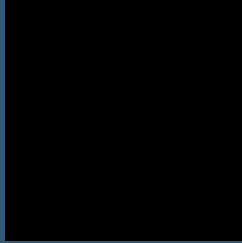
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

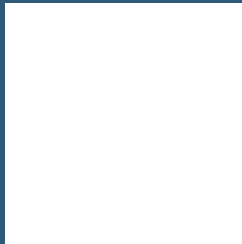
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F5978 Background



This preview shows how black text looks on a background with the Hex color 2F5978.

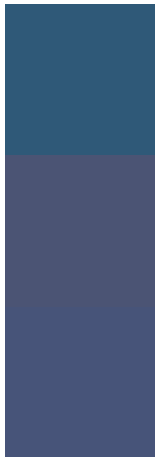


This preview shows how white text looks on a background with the Hex color 2F5978.

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
2F5978

Protanopia
4B5474

Deuteranopia
475479



Tritanopia
265D64

Trichromacy



Original Color
2F5978

Protanomaly
415675

Deuteranomaly
3E5679

Tritanomaly
295C6B

Monochromacy



Original Color
2F5978

Achromatopsia
505050

Achromatomaly
44535F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5978 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 #2F5978 looks like.

```
.text, #text, p{  
    color:#2F5978  
}
```

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 #2F5978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5978
}
```

Border

The CSS property to change the border of an element to Hex 2F5978 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
#2F5978 }
```

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

```
.border{ border-color:#2F5978 }
```

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

Here you see how a box with a 4 pixel #2F5978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5978; -webkit-box-shadow:4px 4px  
4px 4px #2F5978; box-shadow:4px 4px 4px  
4px #2F5978 }
```

Background

The CSS property to change the background color of an element to Hex 2F5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5978 }
```

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

```
.background{ background-color:#2F5978 }
```

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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