

Converting Colors

Hex(2F586E)

Have a look what the booklet for
Hex(2F586E) contains.

Hex(2F586E)	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(2F586E)

Conversions

Conversions Part 1

Format	Color
Hex	2F586E
RGB	47, 88, 110
RGB Percent	18%, 35%, 43%
CMY	0.8157, 0.6549, 0.5686
CMYK	0.57, 0.20, 0.00, 0.57
HSL	201°, 40%, 31%
HSV	201°, 57%, 43%
XYZ	7.4765, 8.7096, 16.0389
YIQ	78.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

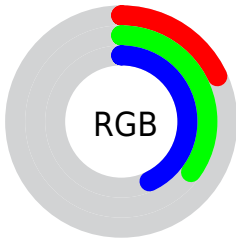
Format	Color
R_{YB}	47, 72, 110
Decimal	3102830
CIE _{Lab}	35.42, -7.40, -16.97
CIE _{LCh}	35, 18.515, 246.445
Yxy	8.7096, 0.2320, 0.2703
Android (android.graphics.Color)	4281292910 (0xFF2F586E)
YUV	78.2490, 15.6532, -27.4054
Hunter-Lab	29.5120, -6.4253, -11.5640




Details

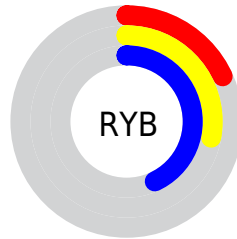
The Hex color **2F586E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E452F**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **628AA2**, and **002B3E** is the 20% darker color. If you saturate the color by 10%, you get **24546E**, and if you desaturate by 10%, it is **3A5C6E**.

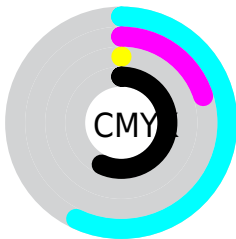
Distribution







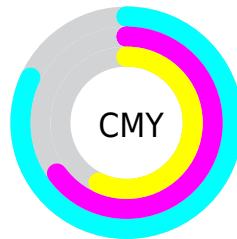
-  Red (18%)
-  Green (35%)
-  Blue (43%)






-  Red (18%)
-  Yellow (28%)
-  Blue (43%)



-  Cyan (57%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F586E 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 2F586E by changing the saturation by 10% instead.

■ 2F586E

■ 2F586E

FFFFFF

■ 134156

■ 628AA2

■ 002B3E

■ 7CA4BD

■ 001728

■ 97BFD8

■ 000113

■ B3DBF5

■ 000000

■ CFF8FF

■ ECFFFF

■ 2F586E

■ 2F586E

■ 24546E

■ 3A5C6E

■ 19506E

■ 45606E

■ 0E4C6E

■ 50646E

■ 03496E

■ 5B676E

■ 00486E

■ 666B6E

■ 716F6E

■ 7C736E

■ 87776E

■ 927B6E

Harmonies

Analogous

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



235B64



2F586E



455470

Triad

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



2F586E



704851



4A583B

Complementary

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



2F586E



6E452F

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.



5A5336



2F586E



6F4A42

Square

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



2F586E



694A5F



684E39



395A47

Rectangle

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



2F586E



53506E



684E39



505638

Sweetspot

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



2F586E



77868F



2F6E44



394247



C7C7C7



474747

Same Dimension

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



2F586E



2C6C8F



2F3A6E



323638



004E78



00A1F7

Inverse Universe

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



6E2F58



8F2C6C



6E642F



383236



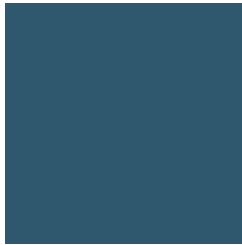
78004E



F700A1

Previews

White Background



This preview shows how the Hex color 2F586E looks on a white background.

Color Contrast Check

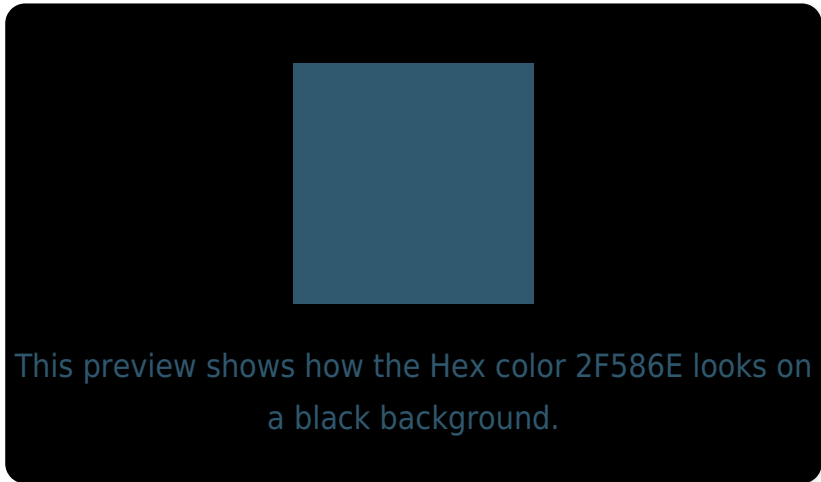
Large Text (above 18pt) WCAG AA ✓ Pass

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

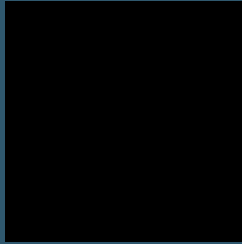
Any Text WCAG AA × Fail

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 2F586E Background



This preview shows how black text looks on a background with the Hex color 2F586E.

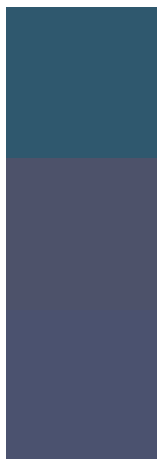


This preview shows how white text looks on a background with the Hex color 2F586E.

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

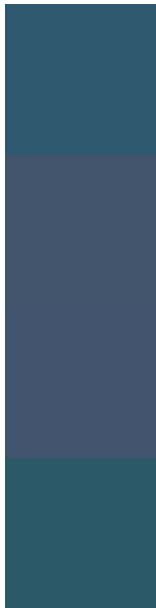


Original Color
2F586E

Protanopia
4D526A

Deuteranopia
4B526F

Trichromacy



Original Color
2F586E

Protanomaly
42546B

Deuteranomaly
41546F

Tritanomaly
2C5966

Monochromacy



Original Color
2F586E

Achromatopsia
4E4E4E

Achromatomaly
43525A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F586E 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 #2F586E looks like.

```
.text, #text, p{  
    color:#2F586E  
}
```

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 #2F586E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F586E
}
```

Border

The CSS property to change the border of an element to Hex 2F586E 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
#2F586E }
```

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

```
.border{ border-color:#2F586E }
```

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

Here you see how a box with a 4 pixel #2F586E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F586E; -webkit-box-shadow:4px 4px  
4px 4px #2F586E; box-shadow:4px 4px 4px  
4px #2F586E }
```

Background

The CSS property to change the background color of an element to Hex 2F586E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F586E }
```

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

```
.background{ background-color:#2F586E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor