

Converting Colors

Hex(2F5B6D)

Have a look what the booklet for
Hex(2F5B6D) contains.

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Color

Hex(2F5B6D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F5B6D |
| RGB | 47, 91, 109 |
| RGB Percent | 18%, 36%, 43% |
| CMY | 0.8157, 0.6431, 0.5725 |
| CMYK | 0.57, 0.17, 0.00, 0.57 |
| HSL | 197°, 40%, 31% |
| HSV | 197°, 57%, 43% |
| XYZ | 7.6737, 9.1906, 15.8375 |
| YIQ | 79.8960, -32.0020, -3.7300 |

Conversions

Conversions Part 2

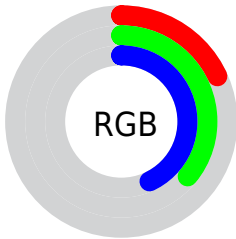
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 47, 73, 109 |
| Decimal | 3103597 |
| CIELab | 36.35, -9.54, -14.92 |
| CIElCh | 36, 17.713, 237.415 |
| Yxy | 9.1906, 0.2347, 0.2810 |
| Android (android.graphics.Color) | 4281293677 (0xFF2F5B6D) |
| YUV | 79.8960, 14.3483, -28.8498 |
| Hunter-Lab | 30.3161, -7.8706, -9.7527 |




Details

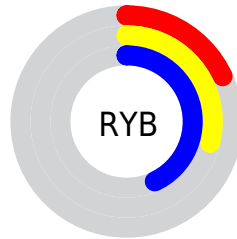
The Hex color **2F5B6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D412F**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **628DA1**, and **002D3D** is the 20% darker color. If you saturate the color by 10%, you get **24586D**, and if you desaturate by 10%, it is **3A5E6D**.

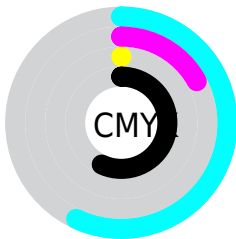
Distribution







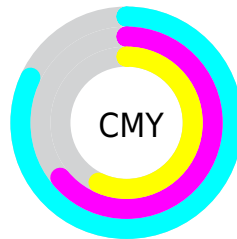
-  Red (18%)
-  Green (36%)
-  Blue (43%)






-  Red (18%)
-  Yellow (29%)
-  Blue (43%)



-  Cyan (57%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5B6D 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 2F5B6D by changing the saturation by 10% instead.



2F5B6D



2F5B6D

FFFFFF



134455



628DA1



002D3D



7DA8BC



001928



97C3D7



000113



B3DFF4



000000



CFFBFF



ECFFFF



2F5B6D



2F5B6D



24586D



3A5E6D

■ 19556D

■ 45616D

■ 0E526D

■ 50646D

■ 034E6D

■ 5B686D

■ 004D6D

■ 666B6D

■ 706E6D

■ 7B716D

■ 86746D

■ 91776D

Harmonies

Analogous

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



295D62



2F5B6D



415772

Triad

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



2F5B6D



704B57



52593C

Complementary

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



2F5B6D



6D412F

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.



615439



2F5B6D



724C49

Square

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



2F5B6D



674E65



6C4F3E



415C46

Rectangle

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



2F5B6D



4F5470



6C4F3E



57573A

Sweetspot

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



2F5B6D



77888F



2F6D41



394347



C7C7C7



474747

Same Dimension

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



2F5B6D



2E738F



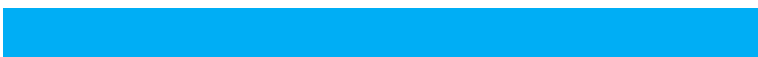
2F3C6D



303436



005375



00AEF5

Inverse Universe

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



6D2F5B



8F2E73



6D602F



363034



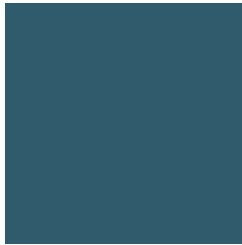
750053



F500AE

Previews

White Background



This preview shows how the Hex color 2F5B6D looks on a white background.

Color Contrast Check

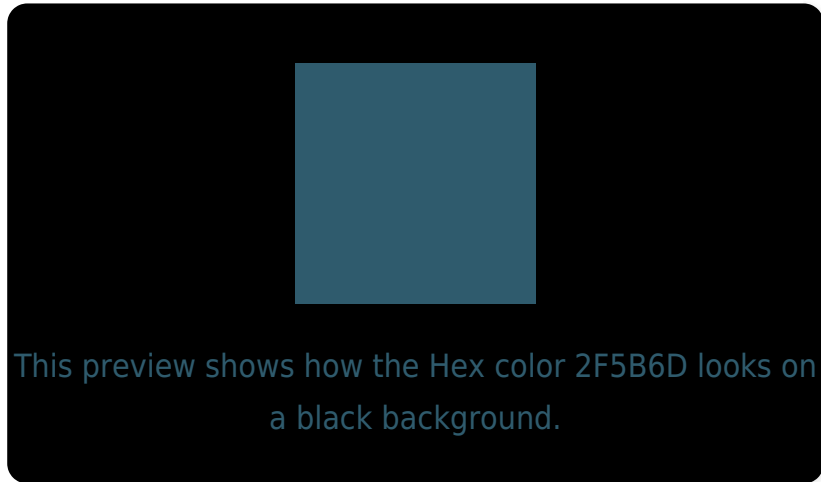
Large Text (above 18pt) WCAG AA ✓ Pass

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

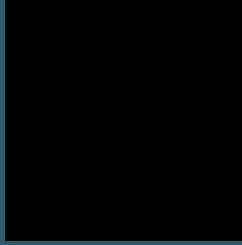
Any Text WCAG AA × Fail

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 2F5B6D Background



This preview shows how black text looks on a background with the Hex color 2F5B6D.

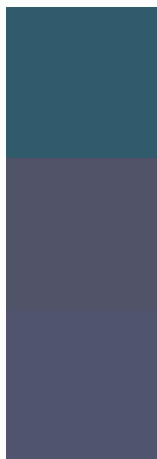


This preview shows how white text looks on a background with the Hex color 2F5B6D.

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
2F5B6D

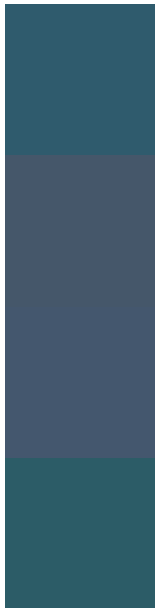
Protanopia
515468

Deuteranopia
50546F



Tritanopia
2B5D64

Trichromacy



Original Color
2F5B6D

Protanomaly
45576A

Deuteranomaly
44576E

Tritanomaly
2C5C67

Monochromacy



Original Color
2F5B6D

Achromatopsia
505050

Achromatomaly
44545B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5B6D 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 #2F5B6D looks like.

```
.text, #text, p{  
    color:#2F5B6D  
}
```

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 #2F5B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5B6D
}
```

Border

The CSS property to change the border of an element to Hex 2F5B6D 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
#2F5B6D }
```

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

```
.border{ border-color:#2F5B6D }
```

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

Here you see how a box with a 4 pixel #2F5B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5B6D; -webkit-box-shadow:4px 4px  
4px 4px #2F5B6D; box-shadow:4px 4px 4px  
4px #2F5B6D }
```

Background

The CSS property to change the background color of an element to Hex 2F5B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5B6D }
```

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

```
.background{ background-color:#2F5B6D }
```

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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