

Converting Colors

Hex(2F535F)

Have a look what the booklet for
Hex(2F535F) contains.

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Color

Hex(2F535F)

Conversions

Conversions Part 1

Format	Color
Hex	2F535F
RGB	47, 83, 95
RGB Percent	18%, 33%, 37%
CMY	0.8157, 0.6745, 0.6275
CMYK	0.51, 0.13, 0.00, 0.63
HSL	195°, 34%, 28%
HSV	195°, 51%, 37%
XYZ	6.3311, 7.6171, 11.9630
YIQ	73.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

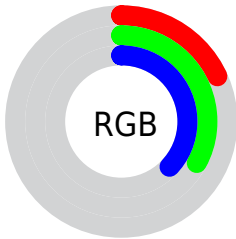
Format	Color
RYB	47, 68, 95
Decimal	3101535
CIELab	33.17, -9.27, -11.01
CIELCh	33, 14.391, 229.916
Yxy	7.6171, 0.2443, 0.2940
Android (android.graphics.Color)	4281291615 (0xFF2F535F)
YUV	73.6040, 10.5482, -23.3317
Hunter-Lab	27.5990, -7.3512, -6.3804




Details

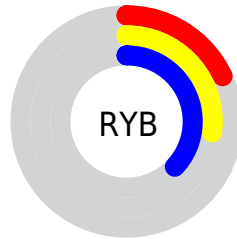
The Hex color **2F535F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3B2F**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **608491**, and **002631** is the 20% darker color. If you saturate the color by 10%, you get **26515F**, and if you desaturate by 10%, it is **39555F**.

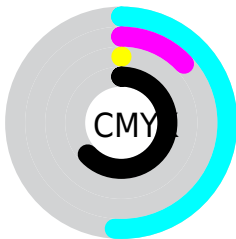
Distribution







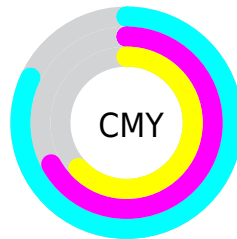
-  Red (18%)
-  Green (33%)
-  Blue (37%)






-  Red (18%)
-  Yellow (27%)
-  Blue (37%)



-  Cyan (51%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (67%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F535F 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 2F535F by changing the saturation by 10% instead.

■ 2F535F

■ 2F535F

FFFFFF

■ 163C47

■ 608491

■ 002631

■ 7A9FAC

■ 00121C

■ 95BAC7

■ 000000

■ B0D5E3

■ CCF2FF

■ E8FFFF

■ 2F535F

■ 2F535F

■ 26515F

■ 39555F

■ 1C4E5F

■ 42585F

■ 124C5F

■ 4C5A5F

■ 094A5F

■ 555D5F

■ 00475F

■ 5F5F5F

■ 68615F

■ 72645F

■ 7B665F

■ 85685F

Harmonies

Analogous

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



2D5455



2F535F



3B5064

Triad

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



2F535F



624652



4E5039

Complementary

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



2F535F



5F3B2F

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.



5A4C38



2F535F



654647

Square

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



2F535F



59495D



62483D



41533F

Rectangle

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



2F535F



454E64



62483D



534E38

Sweetspot

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



2F535F



68767A



2F5F3B



323A3D



BDBDBD



3D3D3D

Same Dimension

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



2F535F



30687A



2F3B5F



2C2F30



005470



00B4F0

Inverse Universe

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



5F2F53



7A3068



5F532F



302C2F



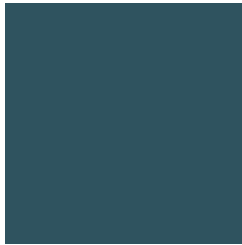
700054



F000B4

Previews

White Background



This preview shows how the Hex color 2F535F looks on a white background.

Color Contrast Check

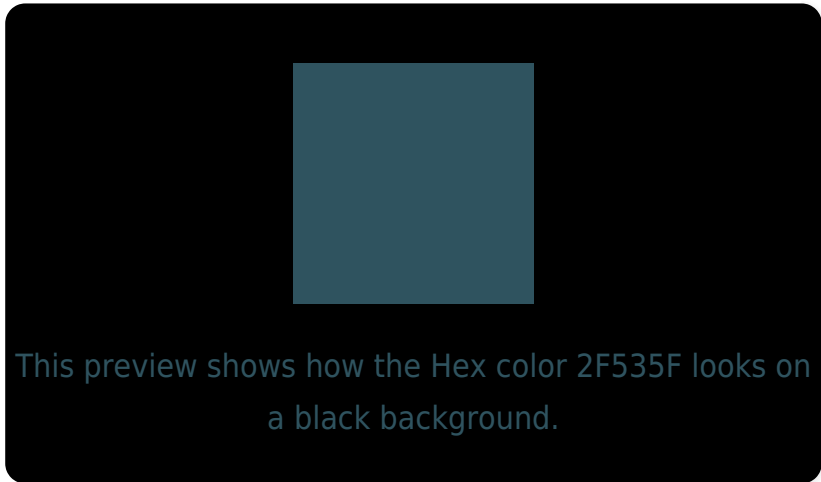
Large Text (above 18pt) WCAG AA ✓ Pass

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

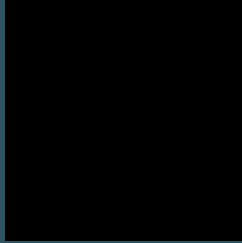
Any Text WCAG AA × Fail

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 2F535F Background



This preview shows how black text looks on a background with the Hex color 2F535F.



This preview shows how white text looks on a background with the Hex color 2F535F.

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](#).

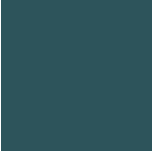
Dichromacy



Original Color
2F535F

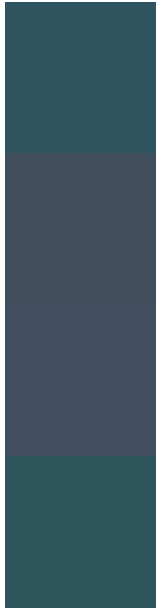
Protanopia
4B4D5B

Deuteranopia
4C4C60



Tritanopia
2D545B

Trichromacy



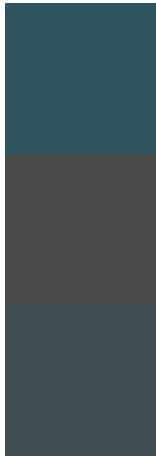
Original Color
2F535F

Protanomaly
414F5C

Deuteranomaly
414F60

Tritanomaly
2E545C

Monochromacy



Original Color
2F535F

Achromatopsia
4A4A4A

Achromatomaly
404D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F535F 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 #2F535F looks like.

```
.text, #text, p{  
    color:#2F535F  
}
```

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 #2F535F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F535F
}
```

Border

The CSS property to change the border of an element to Hex 2F535F 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".

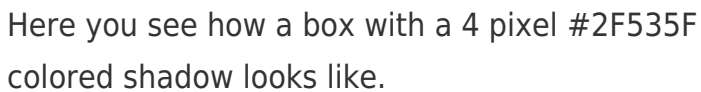
```
.border, #border, table{ border:4px solid
#2F535F }
```

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

```
.border{ border-color:#2F535F }
```

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

Here you see how a box with a 4 pixel #2F535F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F535F; -webkit-box-shadow:4px 4px  
4px 4px #2F535F; box-shadow:4px 4px 4px  
4px #2F535F }
```

Background

The CSS property to change the background color of an element to Hex 2F535F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F535F }
```

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

```
.background{ background-color:#2F535F }
```

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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