

Converting Colors

Hex(2F505C)

Have a look what the booklet for
Hex(2F505C) contains.

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Color

Hex(2F505C)

Conversions

Conversions Part 1

Format	Color
Hex	2F505C
RGB	47, 80, 92
RGB Percent	18%, 31%, 36%
CMY	0.8157, 0.6863, 0.6392
CMYK	0.49, 0.13, 0.00, 0.64
HSL	196°, 32%, 27%
HSV	196°, 49%, 36%
XYZ	5.9727, 7.1144, 11.1836
YIQ	71.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

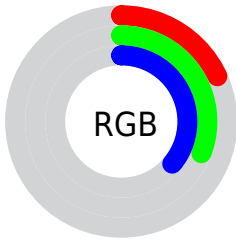
Format	Color
R_{YB}	47, 66, 92
Decimal	3100764
CIE _{Lab}	32.07, -8.40, -10.79
CIE _{LCh}	32, 13.673, 232.114
Yxy	7.1144, 0.2461, 0.2931
Android (android.graphics.Color)	4281290844 (0xFF2F505C)
YUV	71.5010, 10.1060, -21.4874
Hunter-Lab	26.6728, -6.7066, -6.1888




Details

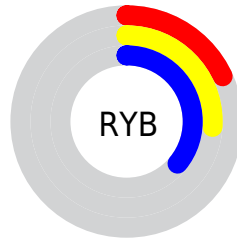
The Hex color **2F505C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3B2F**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **60818E**, and **00242E** is the 20% darker color. If you saturate the color by 10%, you get **264E5C**, and if you desaturate by 10%, it is **38525C**.

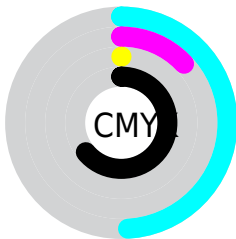
Distribution







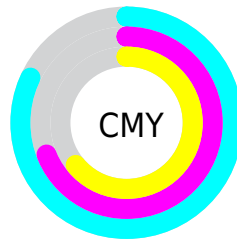
-  Red (18%)
-  Green (31%)
-  Blue (36%)






-  Red (18%)
-  Yellow (26%)
-  Blue (36%)



-  Cyan (49%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F505C 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 2F505C by changing the saturation by 10% instead.

■ 2F505C

■ 2F505C

FFFFFF

■ 173944

■ 60818E

■ 00242E

■ 7A9BA9

■ 000F1A

■ 94B6C4

■ 000000

■ AFD2E0

■ CBEEFC

■ E7FFFF

■ 2F505C

■ 2F505C

■ 264E5C

■ 38525C

■ 1D4B5C

■ 41555C

■ 13495C

■ 4B575C

■ 0A465C

■ 545A5C

■ 01445C

■ 5D5C5C

■ 00435C

■ 665F5C

■ 6F615C

■ 79645C

■ 82665C

Harmonies

Analogous

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



2C5153



2F505C



3B4D60

Triad

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



2F505C



5F444F



4B4D37

Complementary

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



2F505C



5C3B2F

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.



564A36



2F505C



614444

Square

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



2F505C



574659



5E463B



3F503E

Rectangle

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



2F505C



444B60



5E463B



4F4C36

Sweetspot

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



2F505C



667378



2F5C3B



323A3D



BDBDBD



3D3D3D

Same Dimension

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



2F505C



316578



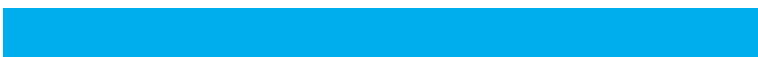
2F3A5C



292D2E



00506E



00AEED

Inverse Universe

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



5C2F50



783165



5C522F



2E292D



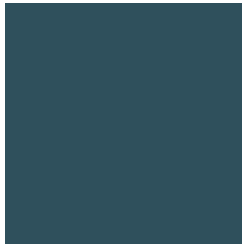
6E0050



ED00AE

Previews

White Background



This preview shows how the Hex color 2F505C looks on a white background.

Color Contrast Check

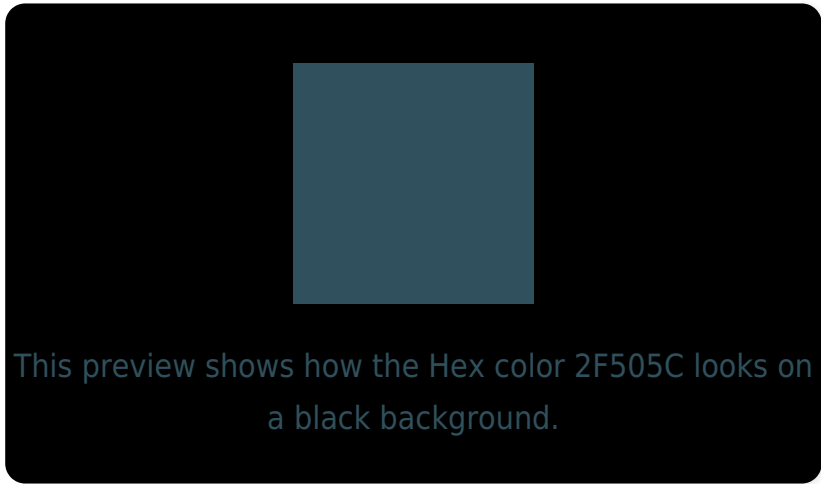
Large Text (above 18pt) WCAG AA ✓ Pass

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

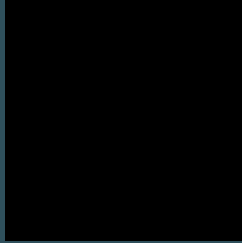
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

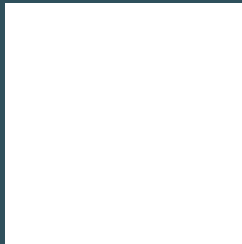
Any Text WCAG AAA × Fail

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

Hex 2F505C Background



This preview shows how black text looks on a background with the Hex color 2F505C.



This preview shows how white text looks on a background with the Hex color 2F505C.

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

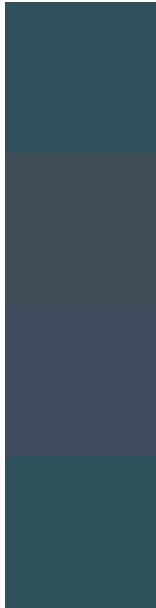


Original Color
2F505C

Protanopia
494B58

Deuteranopia
494A5D

Trichromacy



Original Color
2F505C

Protanomaly
404D59

Deuteranomaly
404C5D

Tritanomaly
2E5159

Monochromacy



Original Color
2F505C

Achromatopsia
484848

Achromatomaly
3F4B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F505C 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 #2F505C looks like.

```
.text, #text, p{  
    color:#2F505C  
}
```

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 #2F505C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F505C
}
```

Border

The CSS property to change the border of an element to Hex 2F505C 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".

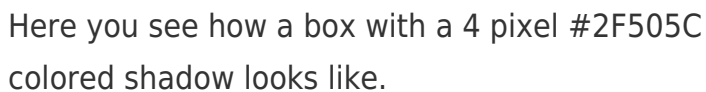
```
.border, #border, table{ border:4px solid
#2F505C }
```

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

```
.border{ border-color:#2F505C }
```

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

Here you see how a box with a 4 pixel #2F505C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F505C; -webkit-box-shadow:4px 4px  
4px 4px #2F505C; box-shadow:4px 4px 4px  
4px #2F505C }
```

Background

The CSS property to change the background color of an element to Hex 2F505C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F505C }
```

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

```
.background{ background-color:#2F505C }
```

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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