

Converting Colors

Hex(2F575A)

Have a look what the booklet for
Hex(2F575A) contains.

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Color

Hex(2F575A)

Conversions

Conversions Part 1

Format	Color
Hex	2F575A
RGB	47, 87, 90
RGB Percent	18%, 34%, 35%
CMY	0.8157, 0.6588, 0.6471
CMYK	0.48, 0.03, 0.00, 0.65
HSL	184°, 31%, 27%
HSV	184°, 48%, 35%
XYZ	6.4259, 8.1589, 10.9090
YIQ	75.3820, -24.8030, -7.5470

Conversions

Conversions Part 2

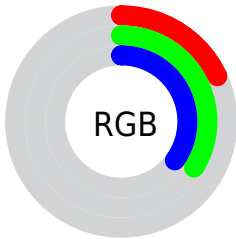
Format	Color
R_{YB}	47, 68, 90
Decimal	3102554
CIE _{Lab}	34.31, -13.17, -6.15
CIE _{LCh}	34, 14.534, 205.017
Yxy	8.1589, 0.2521, 0.3200
Android (android.graphics.Color)	4281292634 (0xFF2F575A)
YUV	75.3820, 7.2067, -24.8910
Hunter-Lab	28.5638, -9.8299, -2.6492

Details

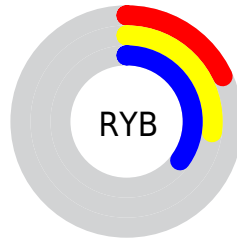
The Hex color **2F575A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A322F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **60898C**, and **00292D** is the 20% darker color. If you saturate the color by 10%, you get **26565A**, and if you desaturate by 10%, it is **38585A**.

Distribution



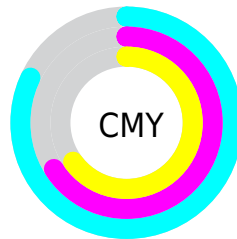
- Red (18%)
- Green (34%)
- Blue (35%)



- Red (18%)
- Yellow (27%)
- Blue (35%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F575A 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 2F575A by changing the saturation by 10% instead.

■ 2F575A

■ 2F575A

FFFFFF

■ 164043

■ 60898C

■ 00292D

■ 7AA3A6

■ 001618

■ 94BEC1

■ 000000

■ AFDADD

■ CBF7FA

■ E8FFFF

■ 2F575A

■ 2F575A

■ 26565A

■ 38585A

■ 1D565A

■ 41585A

■ 14555A

■ 4A595A

■ 0B545A

■ 535A5A

■ 02545A

■ 5C5A5A

■ 00545A

■ 655B5A

■ 6E5B5A

■ 775C5A

■ 805D5A

Harmonies

Analogous

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



36574E



2F575A



335563

Triad

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



2F575A



5E4B5E



5B4F3A

Complementary

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



2F575A



5A322F

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.



644B3E



2F575A



664853

Square

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



2F575A



504E66



684947



4F533C

Rectangle

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



2F575A



3B5367



684947



5E4E3B

Sweetspot

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



2F575A



657475



2F5A32



313A3B



BABABA



3B3B3B

Same Dimension

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



2F575A



327175



2F425A



292E2E



00666E



00DDED

Inverse Universe

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



5A2F57



753271



5A472F



2E292E



6E0066



ED00DD

Previews

White Background



This preview shows how the Hex color 2F575A looks on a white background.

Color Contrast Check

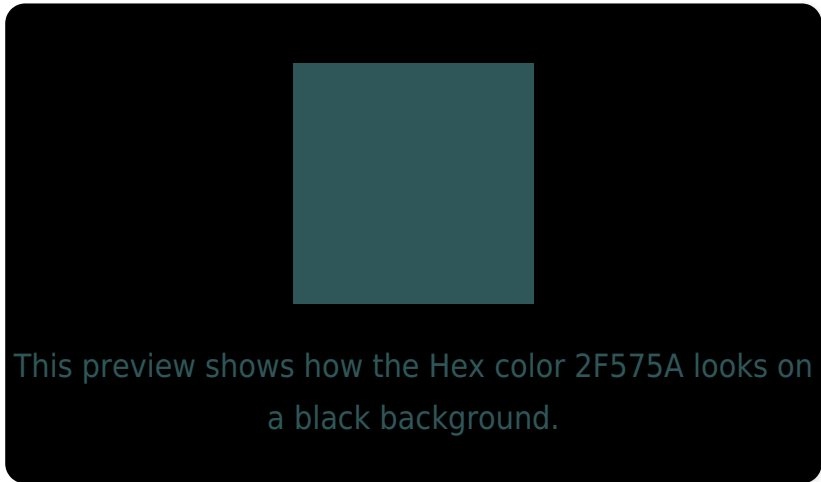
Large Text (above 18pt) WCAG AA ✓ Pass

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

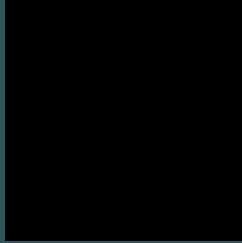
Any Text WCAG AA × Fail

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 2F575A Background



This preview shows how black text looks on a background with the Hex color 2F575A.



This preview shows how white text looks on a background with the Hex color 2F575A.

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](#).

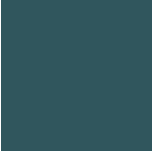
Dichromacy



Original Color
2F575A

Protanopia
505056

Deuteranopia
534E5C



Tritanopia
30565D

Trichromacy



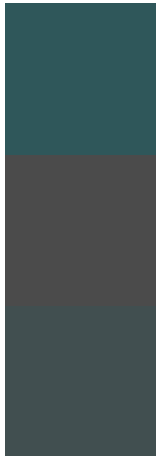
Original Color
2F575A

Protanomaly
445357

Deuteranomaly
46515B

Tritanomaly
30565C

Monochromacy



Original Color
2F575A

Achromatopsia
4B4B4B

Achromatomaly
414F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F575A 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 #2F575A looks like.

```
.text, #text, p{  
    color:#2F575A  
}
```

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 #2F575A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F575A
}
```

Border

The CSS property to change the border of an element to Hex 2F575A 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
#2F575A }
```

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

```
.border{ border-color:#2F575A }
```

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

Here you see how a box with a 4 pixel #2F575A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F575A; -webkit-box-shadow:4px 4px  
4px 4px #2F575A; box-shadow:4px 4px 4px  
4px #2F575A }
```

Background

The CSS property to change the background color of an element to Hex 2F575A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F575A }
```

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

```
.background{ background-color:#2F575A }
```

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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