

Converting Colors

Hex(2F4E5D)

Have a look what the booklet for
Hex(2F4E5D) contains.

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Color

Hex(2F4E5D)

Conversions

Conversions Part 1

Format	Color
Hex	2F4E5D
RGB	47, 78, 93
RGB Percent	18%, 31%, 36%
CMY	0.8157, 0.6941, 0.6353
CMYK	0.49, 0.16, 0.00, 0.64
HSL	200°, 33%, 27%
HSV	200°, 49%, 36%
XYZ	5.8725, 6.8434, 11.3673
YIQ	70.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

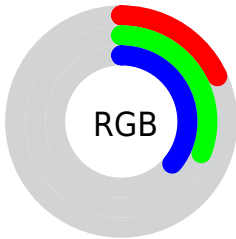
Format	Color
RYB	47, 66, 93
Decimal	3100253
CIELab	31.45, -6.85, -12.37
CIElCh	31, 14.138, 241.015
Yxy	6.8434, 0.2438, 0.2842
Android (android.graphics.Color)	4281290333 (0xFF2F4E5D)
YUV	70.4410, 11.1216, -20.5578
Hunter-Lab	26.1599, -5.7097, -7.4514

Details

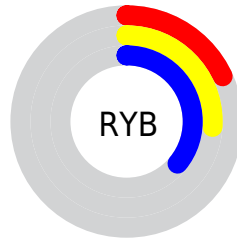
The Hex color **2F4E5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3E2F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **607F8F**, and **00222F** is the 20% darker color. If you saturate the color by 10%, you get **264B5D**, and if you desaturate by 10%, it is **38515D**.

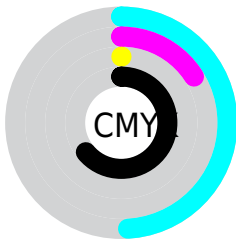
Distribution



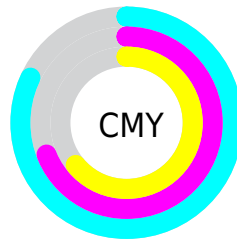
- Red (18%)
- Green (31%)
- Blue (36%)



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



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4E5D 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 2F4E5D by changing the saturation by 10% instead.

■ 2F4E5D

■ 2F4E5D

FFFFFF

■ 173745

■ 607F8F

■ 00222F

■ 7A99AA

■ 000B1B

■ 94B4C5

■ 000000

■ AFCFE1

■ CBEBFE

■ E7FFFF

■ 2F4E5D

■ 2F4E5D

■ 264B5D

■ 38515D

■ 1C485D

■ 42545D

■ 13455D

■ 4B575D

■ 0A425D

■ 545A5D

■ 013F5D

■ 5E5D5D

■ 003F5D

■ 67605D

■ 70635D

■ 79665D

■ 83695D

Harmonies

Analogous

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



295055



2F4E5D



3D4B60

Triad

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



2F4E5D



5F424A



464D37

Complementary

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



2F4E5D



5D3E2F

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.



524934



2F4E5D



60433F

Square

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



2F4E5D



594455



5B4637



394F3F

Rectangle

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



2F4E5D



47485F



5B4637



4A4C35

Sweetspot

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



2F4E5D



667278



2F5D3E



323A3D



BDBDBD



3D3D3D

Same Dimension

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



2F4E5D



316178



2F375D



292C2E



004A6E



00A0ED

Inverse Universe

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



5D2F4E



783161



5D552F



2E292C



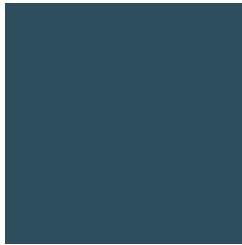
6E004A



ED00A0

Previews

White Background



This preview shows how the Hex color 2F4E5D looks on a white background.

Color Contrast Check

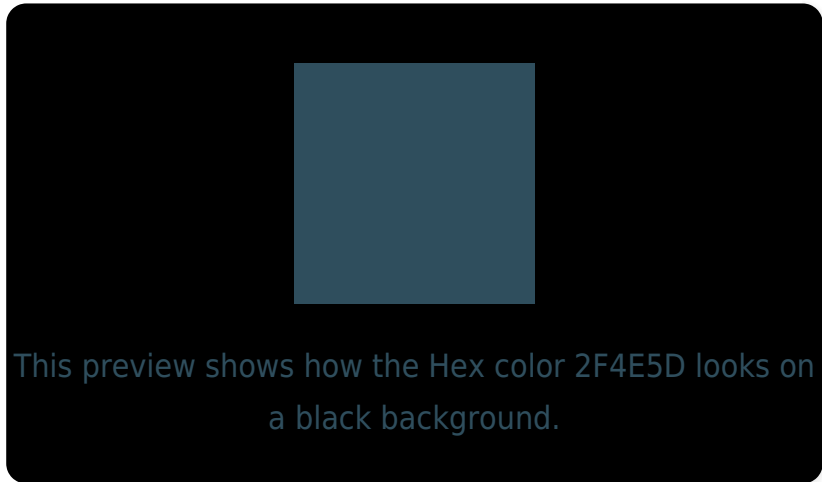
Large Text (above 18pt) WCAG AA ✓ Pass

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

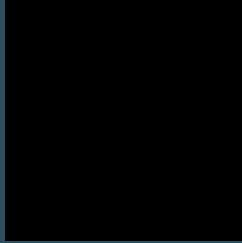
Any Text WCAG AA × Fail

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 2F4E5D Background



This preview shows how black text looks on a background with the Hex color 2F4E5D.



This preview shows how white text looks on a background with the Hex color 2F4E5D.

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
2F4E5D

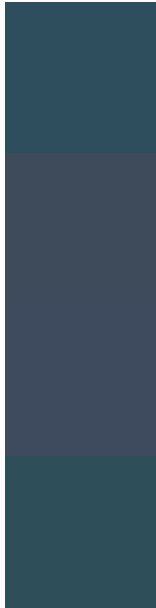
Protanopia
46495A

Deuteranopia
46485E



Tritanopia
2D4F56

Trichromacy



Original Color
2F4E5D

Protanomaly
3E4B5B

Deuteranomaly
3E4A5E

Tritanomaly
2E4F59

Monochromacy



Original Color
2F4E5D

Achromatopsia
464646

Achromatomaly
3E494E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4E5D 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 #2F4E5D looks like.

```
.text, #text, p{  
    color:#2F4E5D  
}
```

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 #2F4E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4E5D
}
```

Border

The CSS property to change the border of an element to Hex 2F4E5D 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
#2F4E5D }
```

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

```
.border{ border-color:#2F4E5D }
```

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

Here you see how a box with a 4 pixel #2F4E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4E5D; -webkit-box-shadow:4px 4px  
4px 4px #2F4E5D; box-shadow:4px 4px 4px  
4px #2F4E5D }
```

Background

The CSS property to change the background color of an element to Hex 2F4E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4E5D }
```

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

```
.background{ background-color:#2F4E5D }
```

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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