

Converting Colors

Hex(2F485E)

Have a look what the booklet for
Hex(2F485E) contains.

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Color

Hex(2F485E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2F485E |
| RGB | 47, 72, 94 |
| RGB Percent | 18%, 28%, 37% |
| CMY | 0.8157, 0.7176, 0.6314 |
| CMYK | 0.50, 0.23, 0.00, 0.63 |
| HSL | 208°, 33%, 28% |
| HSV | 208°, 50%, 37% |
| XYZ | 5.5100, 6.0472, 11.4665 |
| YIQ | 67.0330, -21.9620, 1.5420 |

Conversions

Conversions Part 2

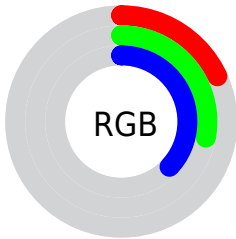
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 63, 94 |
| Decimal | 3098718 |
| CIE _{Lab} | 29.53, -2.74, -15.94 |
| CIE _{LCh} | 30, 16.179, 260.238 |
| Yxy | 6.0472, 0.2393, 0.2627 |
| Android (android.graphics.Color) | 4281288798 (0xFF2F485E) |
| YUV | 67.0330, 13.2947, -17.5689 |
| Hunter-Lab | 24.5911, -3.0386, -10.4324 |

Details

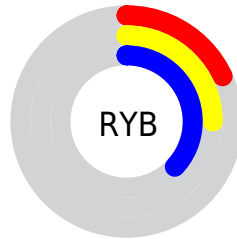
The Hex color **2F485E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E452F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **607890**, and **001D30** is the 20% darker color. If you saturate the color by 10%, you get **26445E**, and if you desaturate by 10%, it is **384C5E**.

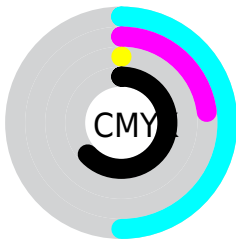
Distribution



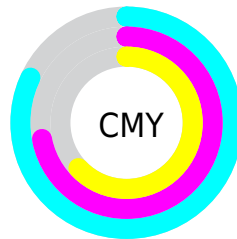
- Red (18%)
- Green (28%)
- Blue (37%)



- Red (18%)
- Yellow (25%)
- Blue (37%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (63%)



- Cyan (82%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F485E 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 2F485E by changing the saturation by 10% instead.

■ 2F485E

■ 2F485E

FFFFFF

■ 173246

■ 607890

■ 001D30

■ 7992AB

■ 00011B

■ 94ADC6

■ 000000

■ AFC8E2

■ CBE4FF

■ E7FFFF

■ 2F485E

■ 2F485E

■ 26445E

■ 384C5E

■ 1C3F5E

■ 42515E

■ 133B5E

■ 4B555E

■ 09365E

■ 555A5E

■ 00325E

■ 5E5E5E

■ 67625E

■ 71675E

■ 7A6B5E

■ 84705E

Harmonies

Analogous

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



204B58



2F485E



42445D

Triad

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



2F485E



5F3D3D



374B35

Complementary

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



2F485E



5E452F

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.



46472E



2F485E



5B3F33

Square

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



2F485E



5C3D4A



52432D



294C41

Rectangle

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



2F485E



4D4159



52432D



3C4A32

Sweetspot

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



2F485E



68727A



2F5E45



32383D



BDBDBD



3D3D3D

Same Dimension

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



2F485E



31587A



2F315E



292C2E



003A6E



007EED

Inverse Universe

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



5E2F48



7A3158



5E5C2F



2E292C



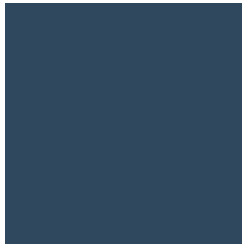
6E003A



ED007E

Previews

White Background



This preview shows how the Hex color 2F485E 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

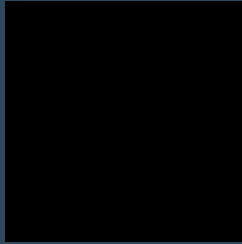
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

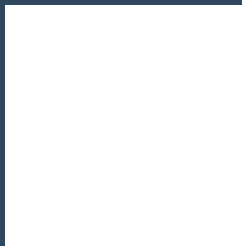
Any Text WCAG AAA × Fail

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

Hex 2F485E Background



This preview shows how black text looks on a background with the Hex color 2F485E.



This preview shows how white text looks on a background with the Hex color 2F485E.

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
2F485E

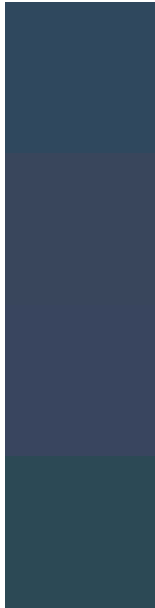
Protanopia
3F455B

Deuteranopia
3E445F



Tritanopia
2B4A50

Trichromacy



Original Color
2F485E

Protanomaly
39465C

Deuteranomaly
39455F

Tritanomaly
2C4955

Monochromacy



Original Color
2F485E

Achromatopsia
434343

Achromatomaly
3C454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F485E 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 #2F485E looks like.

```
.text, #text, p{  
    color:#2F485E  
}
```

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 #2F485E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F485E
}
```

Border

The CSS property to change the border of an element to Hex 2F485E is called "border". The border property can be set on classes, ids or directly on the HTML element.

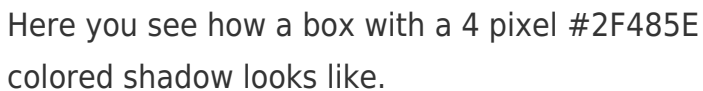
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F485E }
```

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

```
.border{ border-color:#2F485E }
```

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



Here you see how a box with a 4 pixel #2F485E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F485E; -webkit-box-shadow:4px 4px  
4px 4px #2F485E; box-shadow:4px 4px 4px  
4px #2F485E }
```

Background

The CSS property to change the background color of an element to Hex 2F485E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F485E }
```

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

```
.background{ background-color:#2F485E }
```

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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