

Converting Colors

Hex(2F5C5C)

Have a look what the booklet for
Hex(2F5C5C) contains.

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Color

Hex(2F5C5C)

Conversions

Conversions Part 1

Format	Color
Hex	2F5C5C
RGB	47, 92, 92
RGB Percent	18%, 36%, 36%
CMY	0.8157, 0.6392, 0.6392
CMYK	0.49, 0.00, 0.00, 0.64
HSL	180°, 32%, 27%
HSV	180°, 49%, 36%
XYZ	6.9312, 9.0313, 11.5031
YIQ	78.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

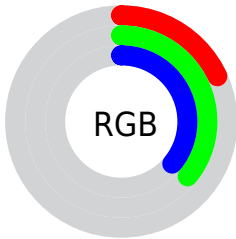
Format	Color
RYB	47, 70, 92
Decimal	3103836
CIELab	36.04, -15.44, -4.82
CIELCh	36, 16.169, 197.325
Yxy	9.0313, 0.2524, 0.3288
Android (android.graphics.Color)	4281293916 (0xFF2F5C5C)
YUV	78.5450, 6.6333, -27.6650
Hunter-Lab	30.0522, -11.4223, -1.6580

Details

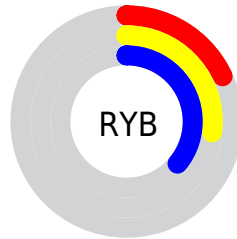
The Hex color **2F5C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2F2F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **618E8E**, and **002E2E** is the 20% darker color. If you saturate the color by 10%, you get **265C5C**, and if you desaturate by 10%, it is **385C5C**.

Distribution



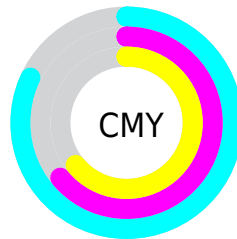
- Red (18%)
- Green (36%)
- Blue (36%)



- Red (18%)
- Yellow (27%)
- Blue (36%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5C5C 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 2F5C5C by changing the saturation by 10% instead.



2F5C5C



2F5C5C

FFFFFF



154445



618E8E



002E2E



7BA9A9



001A1A



95C4C4



000000



B0E0E0



CCDFDC



E9FFFF



2F5C5C



2F5C5C



265C5C



385C5C

■ 1D5C5C

■ 415C5C

■ 135C5C

■ 4B5C5C

■ 0A5C5C

■ 545C5C

■ 015C5C

■ 5D5C5C

■ 005C5C

■ 665C5C

■ 6F5C5C

■ 795C5C

■ 825C5C

Harmonies

Analogous

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



395C4F



2F5C5C



305B67

Triad

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



2F5C5C



604F66



63523C

Complementary

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



2F5C5C



5C2F2F

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.



6C4E42



2F5C5C



6B4C5B

Square

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



2F5C5C



4F536D



6F4C4E



56563C

Rectangle

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



2F5C5C



38596C



6F4C4E



67513D

Sweetspot

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



2F5C5C



667878



2F5C2F



323D3D



BDBDBD



3D3D3D

Same Dimension

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



2F5C5C



317878



2F465C



292E2E



006E6E



00EDED

Inverse Universe

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



5C2F5C



783178



5C462F



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 2F5C5C looks on a white background.

Color Contrast Check

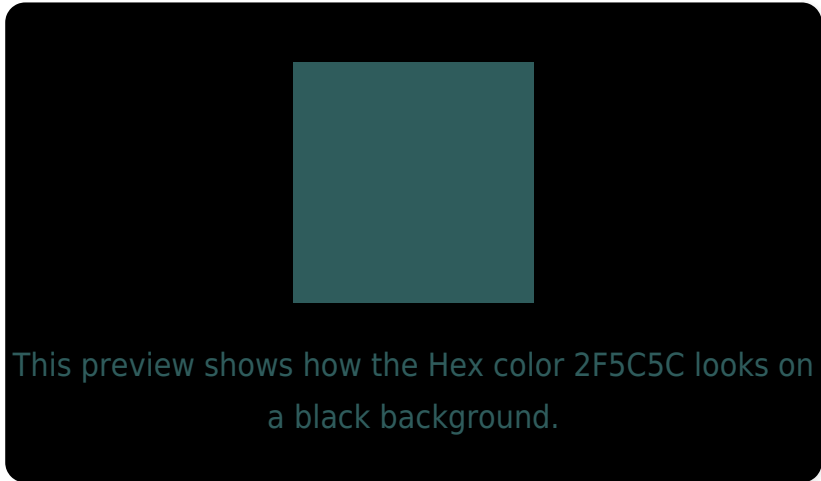
Large Text (above 18pt) WCAG AA ✓ Pass

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

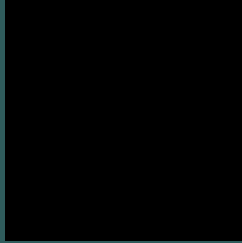
Any Text WCAG AA × Fail

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 2F5C5C Background



This preview shows how black text looks on a background with the Hex color 2F5C5C.



This preview shows how white text looks on a background with the Hex color 2F5C5C.

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
2F5C5C

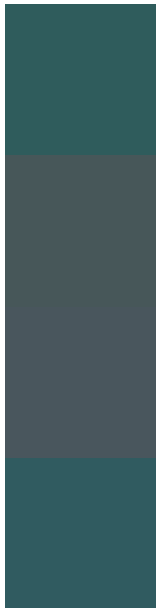
Protanopia
555457

Deuteranopia
58525E



Tritanopia
315B62

Trichromacy



Original Color
2F5C5C

Protanomaly
475759

Deuteranomaly
49565D

Tritanomaly
305B60

Monochromacy



Original Color
2F5C5C

Achromatopsia
4F4F4F

Achromatomaly
435454

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5C5C 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 #2F5C5C looks like.

```
.text, #text, p{  
    color:#2F5C5C  
}
```

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 #2F5C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5C5C
}
```

Border

The CSS property to change the border of an element to Hex 2F5C5C 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".

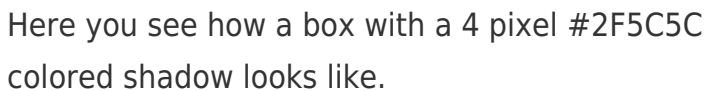
```
.border, #border, table{ border:4px solid
#2F5C5C }
```

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

```
.border{ border-color:#2F5C5C }
```

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

Here you see how a box with a 4 pixel #2F5C5C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5C5C; -webkit-box-shadow:4px 4px  
4px 4px #2F5C5C; box-shadow:4px 4px 4px  
4px #2F5C5C }
```

Background

The CSS property to change the background color of an element to Hex 2F5C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5C5C }
```

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

```
.background{ background-color:#2F5C5C }
```

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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