

Converting Colors

Hex(2F5F55)

Have a look what the booklet for
Hex(2F5F55) contains.

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Color

Hex(2F5F55)

Conversions

Conversions Part 1

Format	Color
Hex	2F5F55
RGB	47, 95, 85
RGB Percent	18%, 37%, 33%
CMY	0.8157, 0.6275, 0.6667
CMYK	0.51, 0.00, 0.11, 0.63
HSL	168°, 34%, 28%
HSV	168°, 51%, 37%
XYZ	6.9042, 9.4446, 10.0534
YIQ	79.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

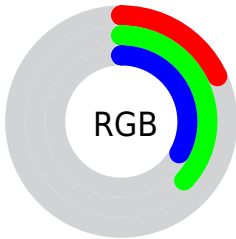
Format	Color
R_YB	47, 74, 95
Decimal	3104597
CIE Lab	36.83, -19.08, 0.68
CIE LCh	37, 19.091, 177.945
Yxy	9.4446, 0.2615, 0.3577
Android (android.graphics.Color)	4281294677 (0xFF2F5F55)
YUV	79.5080, 2.7076, -28.5095
Hunter-Lab	30.7321, -13.6799, 2.1169

Details

The Hex color **2F5F55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2F39**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **619287**, and **003028** is the 20% darker color. If you saturate the color by 10%, you get **265F53**, and if you desaturate by 10%, it is **395F57**.

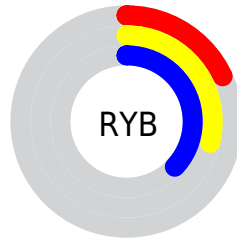
Distribution



 Red (18%)

 Green (37%)

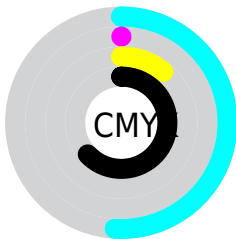
 Blue (33%)




 Red (18%)

 Yellow (29%)

 Blue (37%)

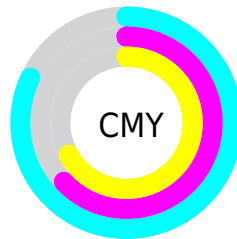


 Cyan (51%)

 Magenta (0%)

 Yellow (11%)

 Black (63%)



 Cyan (82%)

 Magenta (63%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5F55 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 2F5F55 by changing the saturation by 10% instead.

■ 2F5F55

■ 2F5F55

FFFFFF

■ 16473E

■ 619287

■ 003028

■ 7BACA1

■ 001D14

■ 95C8BC

■ 000000

■ B0E4D7

■ CCFF4

■ E9FFFF

■ 2F5F55

■ 2F5F55

■ 265F53

■ 395F57

■ 1C5F51

■ 425F59

■ 125F4F

■ 4C5F5B

■ 095F4D

■ 555F5D

■ 005F4B

■ 5F5F5F

■ 685F61

■ 725F63

■ 7B5F65

■ 855F67

Harmonies

Analogous

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



405D46



2F5F55



245F64

Triad

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



2F5F55



575372



6F503D

Complementary

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



2F5F55



5F2F39

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.



754C49



2F5F55



694E67

Square

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



2F5F55



415875



734B58



625538

Rectangle

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



2F5F55



275D6D



734B58



714F40

Sweetspot

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



2F5F55



687A77



395F2F



323D3B



BDBDBD



3D3D3D

Same Dimension

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



2F5F55



307A6B



2F515F



2C302F



007059



00F0BE

Inverse Universe

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



5F2F39



7A303F



5F3D2F



302C2D



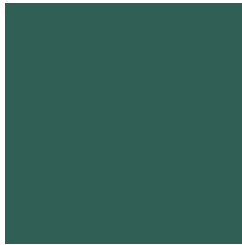
700017



F00032

Previews

White Background



This preview shows how the Hex color 2F5F55 looks on a white background.

Color Contrast Check

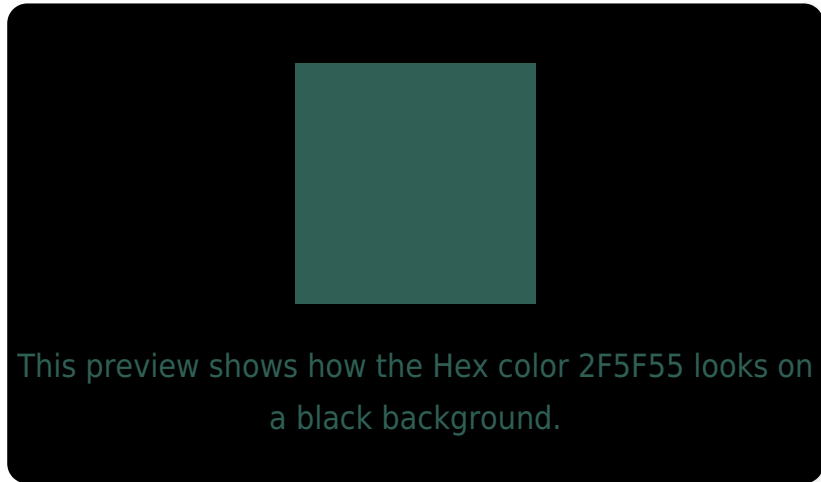
Large Text (above 18pt) WCAG AA ✓ Pass

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

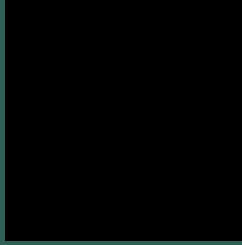
Any Text WCAG AA × Fail

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 2F5F55 Background



This preview shows how black text looks on a background with the Hex color 2F5F55.



This preview shows how white text looks on a background with the Hex color 2F5F55.

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
2F5F55

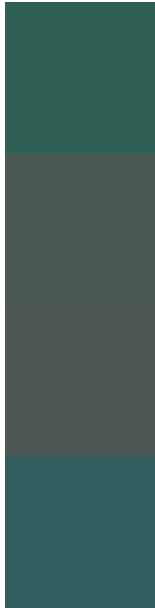
Protanopia
595650

Deuteranopia
5E5457



Tritanopia
345D64

Trichromacy



Original Color
2F5F55

Protanomaly
4A5952

Deuteranomaly
4D5856

Tritanomaly
325E5F

Monochromacy



Original Color
2F5F55

Achromatopsia
505050

Achromatomaly
445552

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5F55 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 #2F5F55 looks like.

```
.text, #text, p{  
    color:#2F5F55  
}
```

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 #2F5F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5F55
}
```

Border

The CSS property to change the border of an element to Hex 2F5F55 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
#2F5F55 }
```

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

```
.border{ border-color:#2F5F55 }
```

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

Here you see how a box with a 4 pixel #2F5F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5F55; -webkit-box-shadow:4px 4px  
4px 4px #2F5F55; box-shadow:4px 4px 4px  
4px #2F5F55 }
```

Background

The CSS property to change the background color of an element to Hex 2F5F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5F55 }
```

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

```
.background{ background-color:#2F5F55 }
```

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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