

Converting Colors

Hex(2F5E59)

Have a look what the booklet for
Hex(2F5E59) contains.

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Color

Hex(2F5E59)

Conversions

Conversions Part 1

Format	Color
Hex	2F5E59
RGB	47, 94, 89
RGB Percent	18%, 37%, 35%
CMY	0.8157, 0.6314, 0.6510
CMYK	0.50, 0.00, 0.05, 0.63
HSL	174°, 33%, 28%
HSV	174°, 50%, 37%
XYZ	6.9782, 9.3310, 10.8845
YIQ	79.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

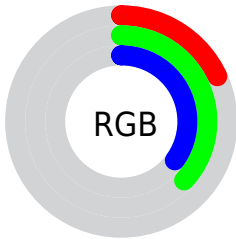
Format	Color
R_{YB}	47, 72, 94
Decimal	3104345
CIE _{Lab}	36.61, -17.42, -2.11
CIE _{LCh}	37, 17.546, 186.898
Yxy	9.3310, 0.2566, 0.3431
Android (android.graphics.Color)	4281294425 (0xFF2F5E59)
YUV	79.3770, 4.7441, -28.3946
Hunter-Lab	30.5467, -12.6798, 0.2564




Details

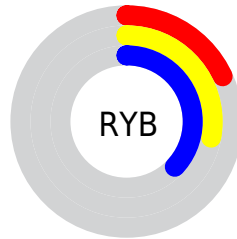
The Hex color **2F5E59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2F34**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **61918B**, and **00302C** is the 20% darker color. If you saturate the color by 10%, you get **265E58**, and if you desaturate by 10%, it is **385E5A**.

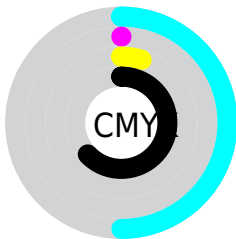
Distribution







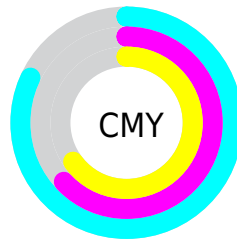
-  Red (18%)
-  Green (37%)
-  Blue (35%)






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



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (63%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5E59 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 2F5E59 by changing the saturation by 10% instead.

 2F5E59

 2F5E59

FFFFFF

 154642

 61918B

 00302C

 7BABA5

 001C17

 95C7C0

 000000

 B0E3DC

 CCFF9

 E9FFF

 2F5E59

 2F5E59

 265E58

 385E5A

■ 1C5E57

■ 425E5B

■ 135E56

■ 4B5E5C

■ 095E55

■ 555E5D

■ 005E54

■ 5E5E5E

■ 675E5F

■ 715E60

■ 7A5E61

■ 845E62

Harmonies

Analogous

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



3D5D4B



2F5E59



2A5D67

Triad

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



2F5E59



5C516D



6A523D

Complementary

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



2F5E59



5E2F34

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.



714D46



2F5E59



6B4D61

Square

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



2F5E59



495672



724C53



5D563A

Rectangle

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



2F5E59



305C6D



724C53



6D503F

Sweetspot

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



2F5E59



687A78



345E2F



323D3C



BDBDBD



3D3D3D

Same Dimension

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



2F5E59



317A73



2F4C5E



292E2D



006E62



00EDD4

Inverse Universe

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



5E2F34



7A3139



5E412F



2E292A



6E000C



ED0019

Previews

White Background



This preview shows how the Hex color 2F5E59 looks on a white background.

Color Contrast Check

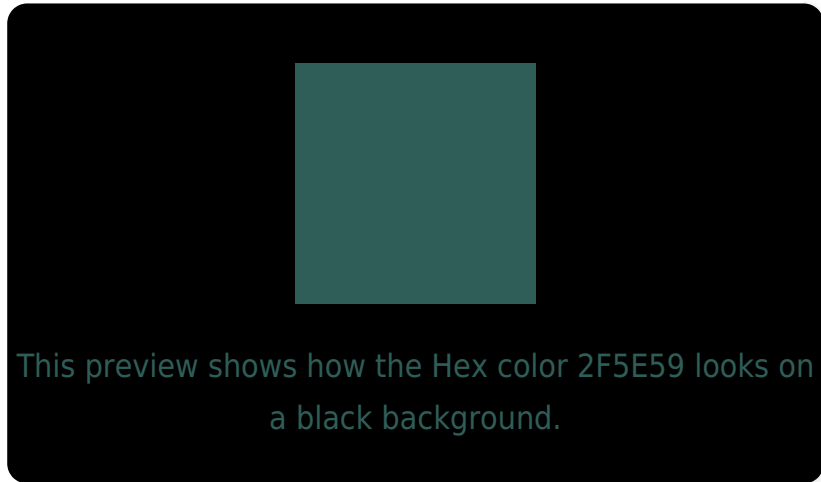
Large Text (above 18pt) WCAG AA ✓ Pass

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

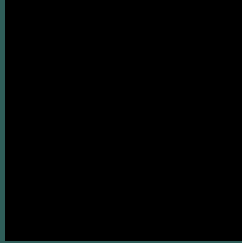
Any Text WCAG AA × Fail

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 2F5E59 Background



This preview shows how black text looks on a background with the Hex color 2F5E59.




This preview shows how white text looks on a background with the Hex color 2F5E59.

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](#).

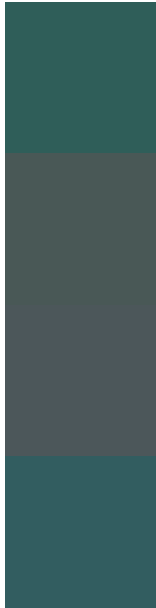
Dichromacy





Tritanopia
335C64

Trichromacy



Original Color
2F5E59

Protanomaly
495856

Deuteranomaly
4C575A

Tritanomaly
325D60

Monochromacy



Original Color
2F5E59

Achromatopsia
4F4F4F

Achromatomaly
435453

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5E59 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 #2F5E59 looks like.

```
.text, #text, p{  
    color:#2F5E59  
}
```

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 #2F5E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5E59
}
```

Border

The CSS property to change the border of an element to Hex 2F5E59 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
#2F5E59 }
```

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

```
.border{ border-color:#2F5E59 }
```

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

Here you see how a box with a 4 pixel #2F5E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5E59; -webkit-box-shadow:4px 4px  
4px 4px #2F5E59; box-shadow:4px 4px 4px  
4px #2F5E59 }
```

Background

The CSS property to change the background color of an element to Hex 2F5E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5E59 }
```

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

```
.background{ background-color:#2F5E59 }
```

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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