

Converting Colors

Hex(2F5743)

Have a look what the booklet for
Hex(2F5743) contains.

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Color

Hex(2F5743)

Conversions

Conversions Part 1

Format	Color
Hex	2F5743
RGB	47, 87, 67
RGB Percent	18%, 34%, 26%
CMY	0.8157, 0.6588, 0.7373
CMYK	0.46, 0.00, 0.23, 0.66
HSL	150°, 30%, 26%
HSV	150°, 46%, 34%
XYZ	5.5936, 7.8260, 6.5259
YIQ	72.7600, -17.4200, -14.7000

Conversions

Conversions Part 2

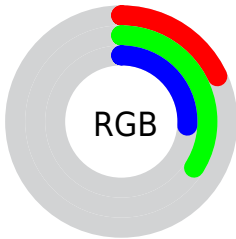
Format	Color
R_YB	47, 74, 87
Decimal	3102531
CIE Lab	33.62, -19.38, 7.28
CIE LCh	34, 20.706, 159.419
Yxy	7.8260, 0.2804, 0.3924
Android (android.graphics.Color)	4281292611 (0xFF2F5743)
YUV	72.7600, -2.8397, -22.5915
Hunter-Lab	27.9749, -13.2650, 5.7514

Details

The Hex color **2F5743** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **572F43**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5F8973**, and **002918** is the 20% darker color. If you saturate the color by 10%, you get **26573F**, and if you desaturate by 10%, it is **385747**.

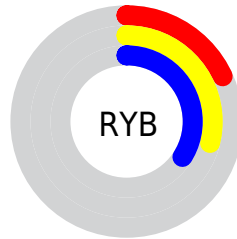
Distribution



 Red (18%)

 Green (34%)

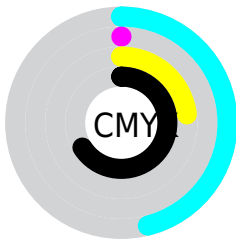
 Blue (26%)




 Red (18%)

 Yellow (29%)

 Blue (34%)

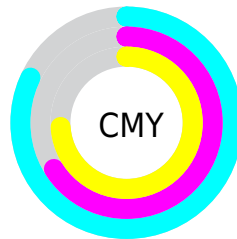


 Cyan (46%)

 Magenta (0%)

 Yellow (23%)

 Black (66%)



 Cyan (82%)

 Magenta (66%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5743 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 2F5743 by changing the saturation by 10% instead.

■ 2F5743

■ 2F5743

FFFFFF

■ 173F2D

■ 5F8973

■ 002918

■ 79A48D

■ 001500

■ 93BFA7

■ 000000

■ AEDBC2

■ CAF7DE

■ E6FFFB

■ 2F5743

■ 2F5743

■ 26573F

■ 385747

■ 1E573A

■ 40574C

■ 155736

■ 495750

■ 0C5732

■ 525754

■ 04572D

■ 5B5759

■ 00572C

■ 63575D

■ 6C5761

■ 755766

■ 7D576A

Harmonies

Analogous

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



435435



2F5743



1A5854

Triad

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



2F5743



404F6F



6D453B

Complementary

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



2F5743



572F43

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.



6F424A



2F5743



584968

Square

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



2F5743



25546D



68445B



644A31

Rectangle

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



2F5743



10575F



68445B



6F4440

Sweetspot

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



2F5743



607068



43572F



2F3833



B8B8B8



383838

Same Dimension

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



2F5743



327051



2F5757



272B29



006B36



00EB75

Inverse Universe

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



572F43



703251



572F2F



2B2729



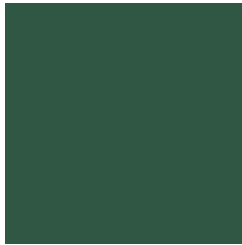
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 2F5743 looks on a white background.

Color Contrast Check

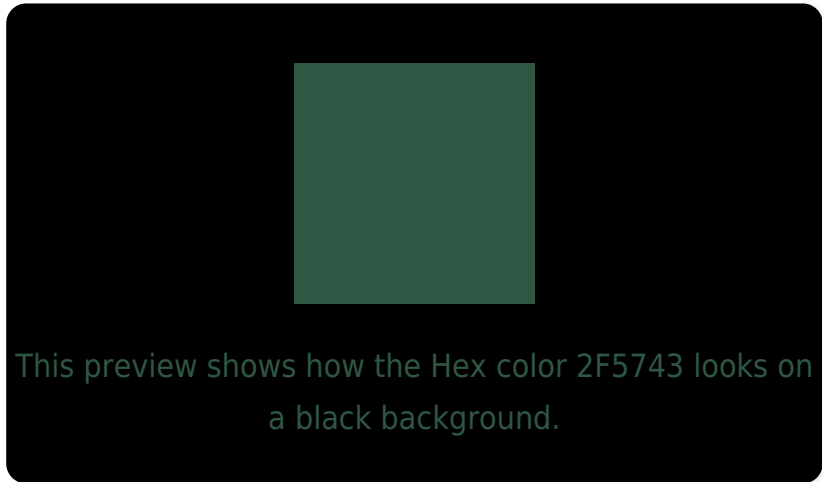
Large Text (above 18pt) WCAG AA ✓ Pass

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

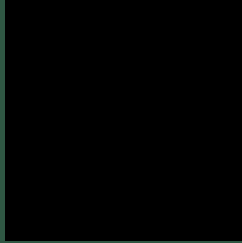
Any Text WCAG AA × Fail

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 2F5743 Background



This preview shows how black text looks on a background with the Hex color 2F5743.



This preview shows how white text looks on a background with the Hex color 2F5743.

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
2F5743

Protanopia
544F3F

Deuteranopia
5A4C45



Tritanopia
35545B

Trichromacy



Original Color
2F5743

Protanomaly
475240

Deuteranomaly
4A5044

Tritanomaly
335552

Monochromacy



Original Color
2F5743

Achromatopsia
494949

Achromatomaly
404E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5743 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 #2F5743 looks like.

```
.text, #text, p{  
    color:#2F5743  
}
```

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 #2F5743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5743
}
```

Border

The CSS property to change the border of an element to Hex 2F5743 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
#2F5743 }
```

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

```
.border{ border-color:#2F5743 }
```

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

Here you see how a box with a 4 pixel #2F5743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5743; -webkit-box-shadow:4px 4px  
4px 4px #2F5743; box-shadow:4px 4px 4px  
4px #2F5743 }
```

Background

The CSS property to change the background color of an element to Hex 2F5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5743 }
```

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

```
.background{ background-color:#2F5743 }
```

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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