

Converting Colors

Hex(2F5E41)

Have a look what the booklet for
Hex(2F5E41) contains.

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Color

Hex(2F5E41)

Conversions

Conversions Part 1

Format	Color
Hex	2F5E41
RGB	47, 94, 65
RGB Percent	18%, 37%, 25%
CMY	0.8157, 0.6314, 0.7451
CMYK	0.50, 0.00, 0.31, 0.63
HSL	143°, 33%, 28%
HSV	143°, 50%, 37%
XYZ	6.1291, 8.9914, 6.4135
YIQ	76.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

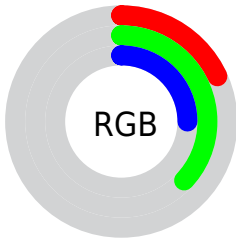
Format	Color
R_{YB}	47, 81, 94
Decimal	3104321
CIE _{Lab}	35.97, -23.49, 11.78
CIE _{LCh}	36, 26.284, 153.366
Yxy	8.9914, 0.2846, 0.4175
Android (android.graphics.Color)	4281294401 (0xFF2F5E41)
YUV	76.6410, -5.7390, -25.9952
Hunter-Lab	29.9857, -15.9892, 8.3087

Details

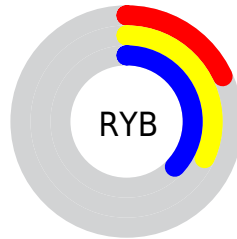
The Hex color **2F5E41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E2F4C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **609171**, and **002F16** is the 20% darker color. If you saturate the color by 10%, you get **265E3B**, and if you desaturate by 10%, it is **385E47**.

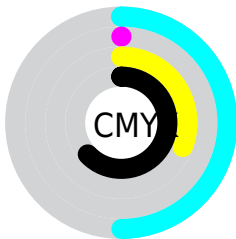
Distribution



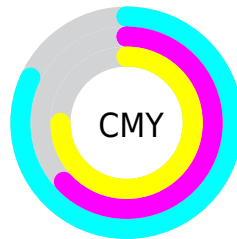
- Red (18%)
- Green (37%)
- Blue (25%)



- Red (18%)
- Yellow (32%)
- Blue (37%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5E41 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 2F5E41 by changing the saturation by 10% instead.



2F5E41



2F5E41

FFFFFF



16462B



609171



002F16



7AAB8A



001C00



94C7A5



000000



AFE3C0



CBFFDC



E8FFF8



2F5E41



2F5E41



265E3B



385E47

■ 1C5E35

■ 425E4D

■ 135E30

■ 4B5E52

■ 095E2A

■ 555E58

■ 005E24

■ 5E5E5E

■ 675E64

■ 715E6A

■ 7A5E6F

■ 845E75

Harmonies

Analogous

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



495A30



2F5E41



036056

Triad

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



2F5E41



38567E



7B463F

Complementary

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



2F5E41



5E2F4C

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.



7C4453



2F5E41



5A4E78

Square

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



2F5E41



005C7A



714768



714D2F

Rectangle

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



2F5E41



005F65



714768



7D4545

Sweetspot

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



2F5E41



687A6F



4D5E2F



323D36



BDBDBD



3D3D3D

Same Dimension

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



2F5E41



317A4D



2F5E58



292E2B



006E2A



00ED5B

Inverse Universe

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



5E2F4C



7A315E



5E2F35



2E292C



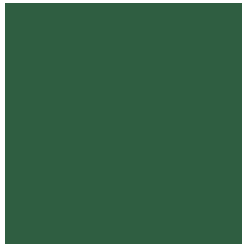
6E0044



ED0092

Previews

White Background



This preview shows how the Hex color 2F5E41 looks on a white background.

Color Contrast Check

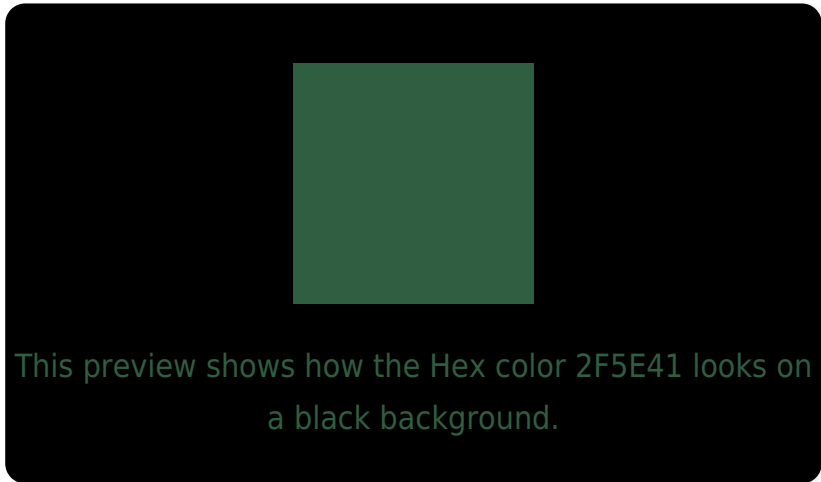
Large Text (above 18pt) WCAG AA ✓ Pass

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

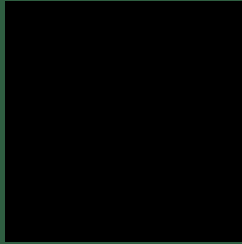
Any Text WCAG AA × Fail

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 2F5E41 Background



This preview shows how black text looks on a background with the Hex color 2F5E41.



This preview shows how white text looks on a background with the Hex color 2F5E41.

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
2F5E41

Protanopia
5B543D

Deuteranopia
625144



Tritanopia
375A61

Trichromacy



Original Color
2F5E41

Protanomaly
4B583E

Deuteranomaly
4F5643

Tritanomaly
345B55

Monochromacy



Original Color
2F5E41

Achromatopsia
4D4D4D

Achromatomaly
425349

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5E41 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 #2F5E41 looks like.

```
.text, #text, p{  
    color:#2F5E41  
}
```

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 #2F5E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5E41
}
```

Border

The CSS property to change the border of an element to Hex 2F5E41 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".

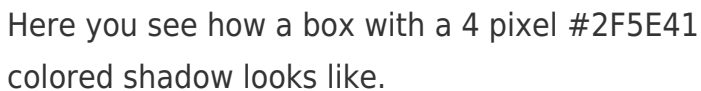
```
.border, #border, table{ border:4px solid
#2F5E41 }
```

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

```
.border{ border-color:#2F5E41 }
```

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

Here you see how a box with a 4 pixel #2F5E41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5E41; -webkit-box-shadow:4px 4px  
4px 4px #2F5E41; box-shadow:4px 4px 4px  
4px #2F5E41 }
```

Background

The CSS property to change the background color of an element to Hex 2F5E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5E41 }
```

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

```
.background{ background-color:#2F5E41 }
```

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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