

Converting Colors

Hex(2F5D65)

Have a look what the booklet for
Hex(2F5D65) contains.

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Color

Hex(2F5D65)

Conversions

Conversions Part 1

Format	Color
Hex	2F5D65
RGB	47, 93, 101
RGB Percent	18%, 36%, 40%
CMY	0.8157, 0.6353, 0.6039
CMYK	0.53, 0.08, 0.00, 0.60
HSL	189°, 36%, 29%
HSV	189°, 53%, 40%
XYZ	7.4356, 9.3726, 13.7291
YIQ	80.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

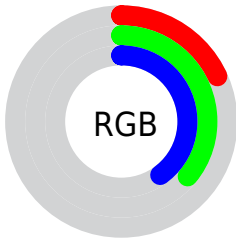
Format	Color
RYB	47, 72, 101
Decimal	3104101
CIELab	36.69, -13.28, -9.44
CIELCh	37, 16.292, 215.417
Yxy	9.3726, 0.2435, 0.3069
Android (android.graphics.Color)	4281294181 (0xFF2F5D65)
YUV	80.1580, 10.2751, -29.0796
Hunter-Lab	30.6147, -10.2223, -5.1582

Details

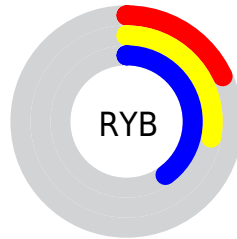
The Hex color **2F5D65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65372F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **628F98**, and **002F36** is the 20% darker color. If you saturate the color by 10%, you get **255C65**, and if you desaturate by 10%, it is **395E65**.

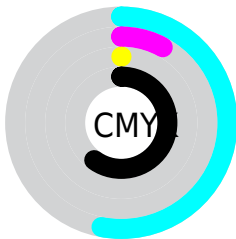
Distribution



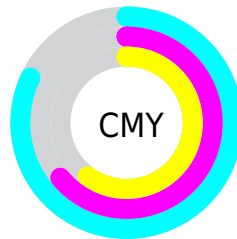
- Red (18%)
- Green (36%)
- Blue (40%)



- Red (18%)
- Yellow (28%)
- Blue (40%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5D65 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 2F5D65 by changing the saturation by 10% instead.

■ 2F5D65

■ 2F5D65

FFFFFF

■ 14454D

■ 628F98

■ 002F36

■ 7CAAB3

■ 001B21

■ 96C5CE

■ 000009

■ B2E1EA

■ 000000

■ CEFEFF

■ EAFFFF

■ 2F5D65

■ 2F5D65

■ 255C65

■ 395E65

■ 1B5A65

■ 436065

■ 115965

■ 4D6165

■ 075765

■ 576365

■ 005665

■ 626465

■ 6C6665

■ 766765

■ 806965

■ 8A6A65

Harmonies

Analogous

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



335E58



2F5D65



385B6E

Triad

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



2F5D65



694E61



5D563C

Complementary

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



2F5D65



65372F

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.



69523F



2F5D65



704D54

Square

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



2F5D65



5B526C



704E48



4F5A41

Rectangle

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



2F5D65



435870



704E48



62553C

Sweetspot

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



2F5D65



6D7F82



2F6536



364042



C2C2C2



424242

Same Dimension

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



2F5D65



2F7682



2F4365



2E3233



006273



00CEF2

Inverse Universe

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



652F5D



822F76



65512F



332E32



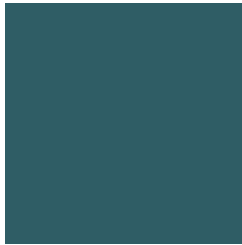
730062



F200CE

Previews

White Background



This preview shows how the Hex color 2F5D65 looks on a white background.

Color Contrast Check

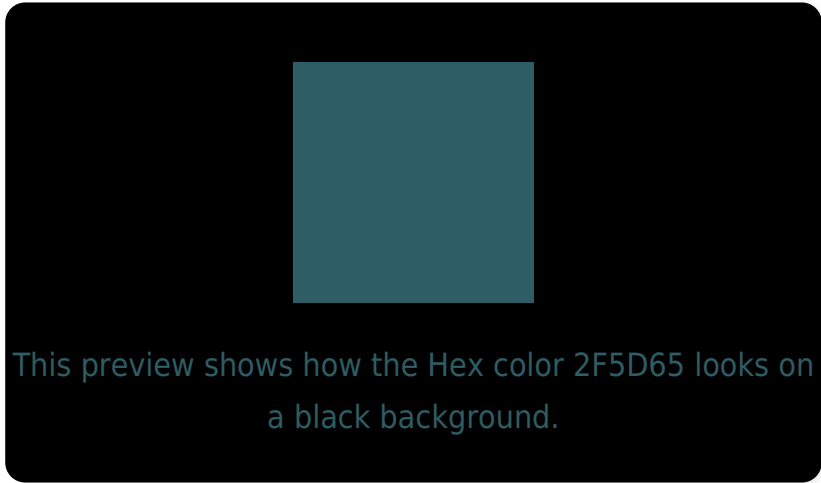
Large Text (above 18pt) WCAG AA ✓ Pass

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

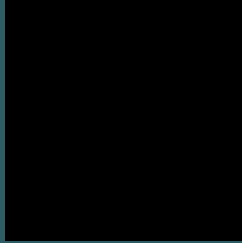
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

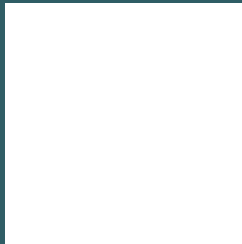
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F5D65 Background



This preview shows how black text looks on a background with the Hex color 2F5D65.

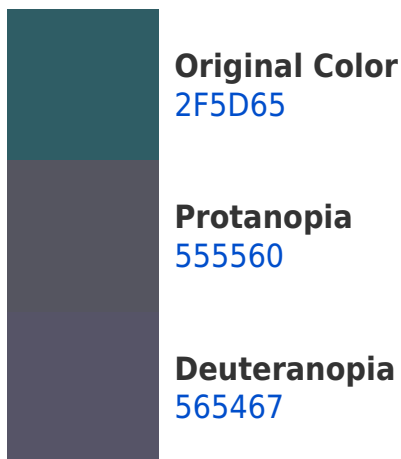


This preview shows how white text looks on a background with the Hex color 2F5D65.

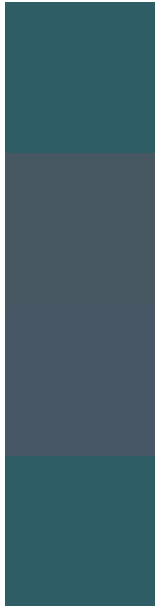
Color Blindness Simulation

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



Trichromacy



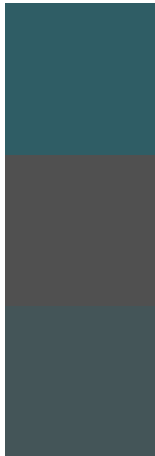
Original Color
2F5D65

Protanomaly
475862

Deuteranomaly
485766

Tritanomaly
2F5D65

Monochromacy



Original Color
2F5D65

Achromatopsia
505050

Achromatomaly
445558

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5D65 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 #2F5D65 looks like.

```
.text, #text, p{  
    color:#2F5D65  
}
```

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 #2F5D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5D65
}
```

Border

The CSS property to change the border of an element to Hex 2F5D65 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
#2F5D65 }
```

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

```
.border{ border-color:#2F5D65 }
```

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

Here you see how a box with a 4 pixel #2F5D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5D65; -webkit-box-shadow:4px 4px  
4px 4px #2F5D65; box-shadow:4px 4px 4px  
4px #2F5D65 }
```

Background

The CSS property to change the background color of an element to Hex 2F5D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5D65 }
```

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

```
.background{ background-color:#2F5D65 }
```

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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