

Converting Colors

Hex(2F865C)

Have a look what the booklet for
Hex(2F865C) contains.

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Color

Hex(2F865C)

Conversions

Conversions Part 1

Format	Color
Hex	2F865C
RGB	47, 134, 92
RGB Percent	18%, 53%, 36%
CMY	0.8157, 0.4745, 0.6392
CMYK	0.65, 0.00, 0.31, 0.47
HSL	151°, 48%, 35%
HSV	151°, 65%, 53%
XYZ	11.6292, 18.4272, 13.0691
YIQ	103.1990, -38.3700, -31.5060

Conversions

Conversions Part 2

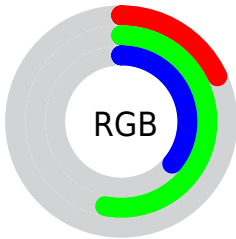
Format	Color
RYB	47, 104, 134
Decimal	3114588
CIELab	50.01, -36.31, 15.15
CIElCh	50, 39.341, 157.344
Yxy	18.4272, 0.2697, 0.4273
Android (android.graphics.Color)	4281304668 (0xFF2F865C)
YUV	103.1990, -5.5211, -49.2865
Hunter-Lab	42.9270, -26.7655, 11.9980




Details

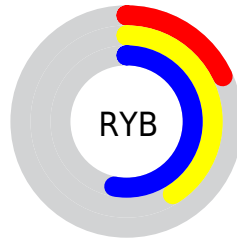
The Hex color **2F865C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862F59**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **67BC8E**, and **00532E** is the 20% darker color. If you saturate the color by 10%, you get **228656**, and if you desaturate by 10%, it is **3C8662**.

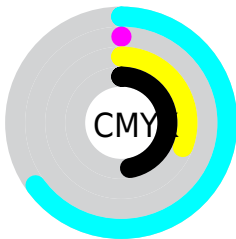
Distribution







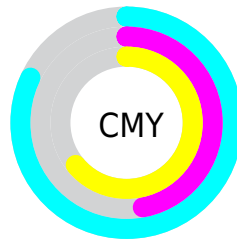
-  Red (18%)
-  Green (53%)
-  Blue (36%)






-  Red (18%)
-  Yellow (41%)
-  Blue (53%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (31%)
-  Black (47%)



-  Cyan (82%)
-  Magenta (47%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F865C 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 2F865C by changing the saturation by 10% instead.

 2F865C

 2F865C

FFFFFF

 0A6C44

 67BC8E

 00532E

 82D8A9

 003B19

 9EF5C4

 002600

 BAFFE0

 000000

 D7FFFD

 F4FFFF

 2F865C

 2F865C

 228656

 3C8662

■ 14864F

■ 4A8669

■ 078649

■ 57866F

■ 008645

■ 658676

■ 72867C

■ 7F8683

■ 8D8689

■ 9A8690

■ A88696

Harmonies

Analogous

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



5F8140



2F865C



00887E

Triad

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



2F865C



4C78B9



B26050

Complementary

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



2F865C



862F59

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.



B55A70



2F865C



846BAC

Square

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



2F865C



0081B4



A75F91



9F6C39

Rectangle

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



2F865C



008795



A75F91



B55D5A

Sweetspot

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



2F865C



8CAD9D



59862F



43574D



D6D6D6



575757

Same Dimension

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



2F865C



26AD6C



2F8586



3C423F



008243



000301

Inverse Universe

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



862F59



AD2667



86302F



423C3F



82003F



030001

Previews

White Background



This preview shows how the Hex color 2F865C looks on a white background.

Color Contrast Check

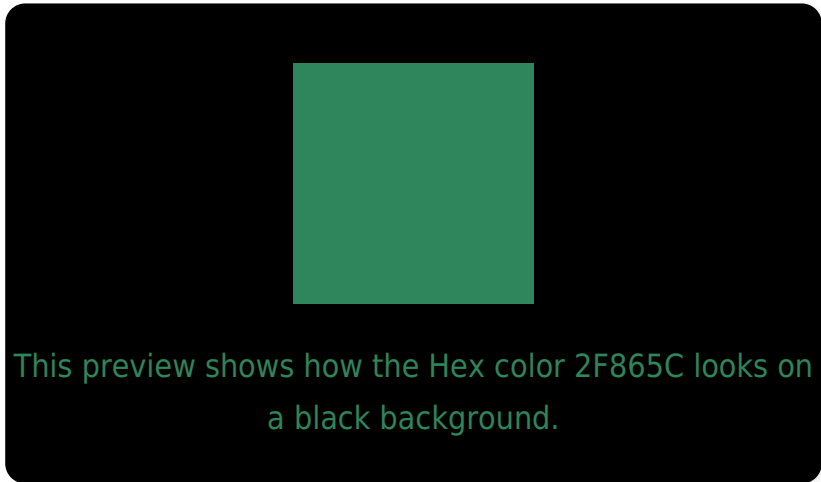
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

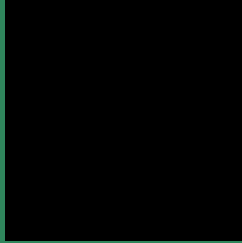
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2F865C Background



This preview shows how black text looks on a background with the Hex color 2F865C.

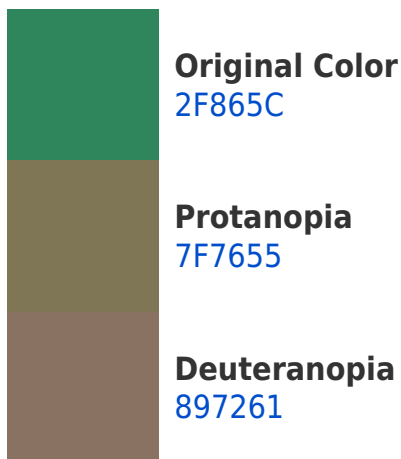


This preview shows how white text looks on a background with the Hex color 2F865C.

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
3F808A

Trichromacy



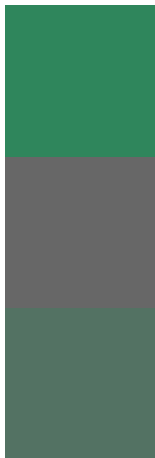
Original Color
2F865C

Protanomaly
627C58

Deuteranomaly
68795F

Tritanomaly
398279

Monochromacy



Original Color
2F865C

Achromatopsia
676767

Achromatomaly
537263

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F865C 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 #2F865C looks like.

```
.text, #text, p{  
    color:#2F865C  
}
```

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 #2F865C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F865C
}
```

Border

The CSS property to change the border of an element to Hex 2F865C 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
#2F865C }
```

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

```
.border{ border-color:#2F865C }
```

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

Here you see how a box with a 4 pixel #2F865C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F865C; -webkit-box-shadow:4px 4px  
4px 4px #2F865C; box-shadow:4px 4px 4px  
4px #2F865C }
```

Background

The CSS property to change the background color of an element to Hex 2F865C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F865C }
```

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

```
.background{ background-color:#2F865C }
```

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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