

Converting Colors

Hex(2F845C)

Have a look what the booklet for
Hex(2F845C) contains.

Hex(2F845C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F845C)

Conversions

Conversions Part 1

Format	Color
Hex	2F845C
RGB	47, 132, 92
RGB Percent	18%, 52%, 36%
CMY	0.8157, 0.4824, 0.6392
CMYK	0.64, 0.00, 0.30, 0.48
HSL	152°, 47%, 35%
HSV	152°, 64%, 52%
XYZ	11.3553, 17.8796, 12.9778
YIQ	102.0250, -37.8200, -30.4600

Conversions

Conversions Part 2

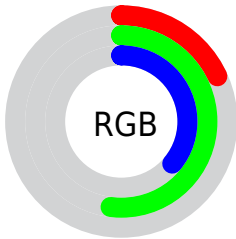
Format	Color
R_{YB}	47, 103, 132
Decimal	3114076
CIE Lab	49.35, -35.42, 14.25
CIE LCh	49, 38.179, 158.091
Yxy	17.8796, 0.2690, 0.4236
Android (android.graphics.Color)	4281304156 (0xFF2F845C)
YUV	102.0250, -4.9423, -48.2569
Hunter-Lab	42.2842, -26.0617, 11.4018

Details

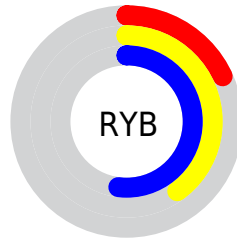
The Hex color **2F845C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **842F57**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66BA8E**, and **00522E** is the 20% darker color. If you saturate the color by 10%, you get **228456**, and if you desaturate by 10%, it is **3C8462**.

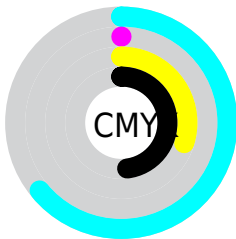
Distribution



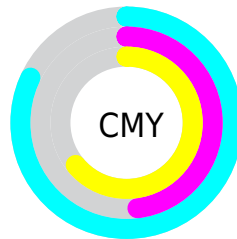
- Red (18%)
- Green (52%)
- Blue (36%)



- Red (18%)
- Yellow (40%)
- Blue (52%)



- Cyan (64%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F845C 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 2F845C by changing the saturation by 10% instead.



2F845C



2F845C

FFFFFF



0B6A44



66BA8E



00522E



82D6A9



003A19



9DF2C4



002500



B9FFE0



000000



D6FFFD



F3FFFF



2F845C



2F845C



228456



3C8462

 158450

 498468

 078449

 57846F

 008446

 648475

 71847B

 7E8481

 8B8487

 99848E

 A68494

Harmonies

Analogous

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



5D7F40



2F845C



00867D

Triad

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



2F845C



4E76B5



AE604F

Complementary

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



2F845C



842F57

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.



B25A6E



2F845C



8369A8

Square

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



2F845C



007FB1



A45E8E



9C6B39

Rectangle

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



2F845C



008593



A45E8E



B15D59

Sweetspot

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



2F845C



8AAB9C



58842F



43574D



D6D6D6



575757

Same Dimension

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



2F845C



27AB6D



2F8384



3C423F



008245



000301

Inverse Universe

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



842F57



AB2765



84302F



423C3F



82003D



030001

Previews

White Background



This preview shows how the Hex color 2F845C looks on a white background.

Color Contrast Check

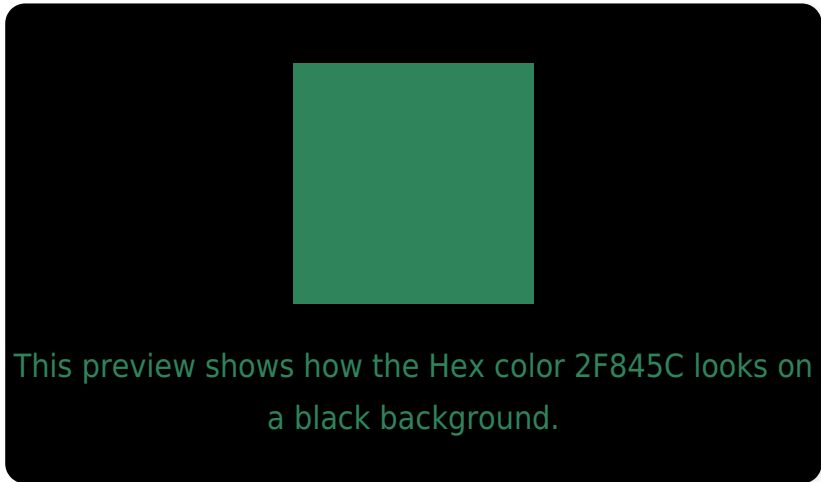
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

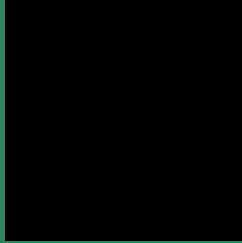
Any Text WCAG AA ✓ Pass

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 2F845C Background



This preview shows how black text looks on a background with the Hex color 2F845C.



This preview shows how white text looks on a background with the Hex color 2F845C.

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
3F7E89

Trichromacy



Original Color
2F845C

Protanomaly
617A58

Deuteranomaly
67775F

Tritanomaly
398079

Monochromacy



Original Color
2F845C

Achromatopsia
666666

Achromatomaly
527162

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F845C 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 #2F845C looks like.

```
.text, #text, p{  
    color:#2F845C  
}
```

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 #2F845C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F845C
}
```

Border

The CSS property to change the border of an element to Hex 2F845C 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".

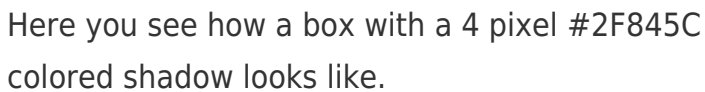
```
.border, #border, table{ border:4px solid
#2F845C }
```

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

```
.border{ border-color:#2F845C }
```

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

Here you see how a box with a 4 pixel #2F845C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F845C; -webkit-box-shadow:4px 4px  
4px 4px #2F845C; box-shadow:4px 4px 4px  
4px #2F845C }
```

Background

The CSS property to change the background color of an element to Hex 2F845C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F845C }
```

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

```
.background{ background-color:#2F845C }
```

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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