

Converting Colors

Hex(285F4A)

Have a look what the booklet for
Hex(285F4A) contains.

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Color

Hex(285F4A)

Conversions

Conversions Part 1

Format	Color
Hex	285F4A
RGB	40, 95, 74
RGB Percent	16%, 37%, 29%
CMY	0.8431, 0.6275, 0.7098
CMYK	0.58, 0.00, 0.22, 0.63
HSL	157°, 41%, 26%
HSV	157°, 58%, 37%
XYZ	6.2033, 9.1299, 7.9139
YIQ	76.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

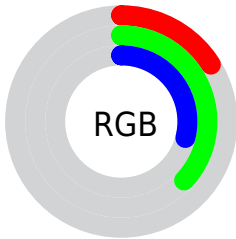
Format	Color
R_{YB}	40, 74, 95
Decimal	2645834
CIE _{Lab}	36.23, -23.83, 6.59
CIE _{LCh}	36, 24.728, 164.539
Yxy	9.1299, 0.2668, 0.3927
Android (android.graphics.Color)	4280835914 (0xFF285F4A)
YUV	76.1610, -1.0654, -31.7132
Hunter-Lab	30.2158, -16.2316, 5.6223

Details

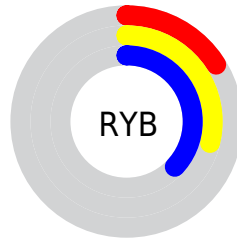
The Hex color **285F4A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F283D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5A927B**, and **00301E** is the 20% darker color. If you saturate the color by 10%, you get **1F5F46**, and if you desaturate by 10%, it is **315F4E**.

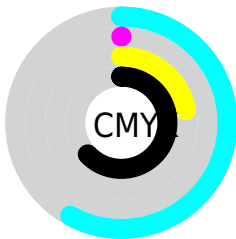
Distribution



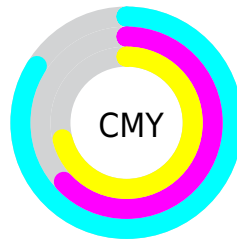
- Red (16%)
- Green (37%)
- Blue (29%)



- Red (16%)
- Yellow (29%)
- Blue (37%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285F4A 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 285F4A by changing the saturation by 10% instead.

 285F4A

 285F4A

FFFFFF

 0C4733

 5A927B

 00301E

 74AD94

 001D06

 8FC8AF

 000000

 AAE4CA

 C6FFE7

 E2FFFF

 285F4A

 285F4A

 1F5F46

 315F4E

■ 155F43

■ 3B5F51

■ 0C5F3F

■ 455F55

■ 025F3B

■ 4E5F59

■ 005F3B

■ 585F5C

■ 615F60

■ 6A5F63

■ 745F67

■ 7E5F6B

Harmonies

Analogous

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



425C38



285F4A



00605E

Triad

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



285F4A



48547B



774A3A

Complementary

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



285F4A



5F283D

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.



7C464C



285F4A



644D72

Square

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



285F4A



235A7B



754760



6B502F

Rectangle

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



285F4A



005F6B



754760



7A4840

Sweetspot

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



285F4A



667A72



3D5F28



313D39



BDBDBD



3D3D3D

Same Dimension

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



285F4A



267A5A



28595F



2C302F



007045



00F094

Inverse Universe

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



5F283D



7A2646



5F2E28



302C2D



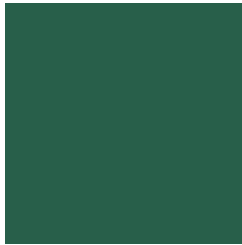
70002B



F0005C

Previews

White Background



This preview shows how the Hex color 285F4A looks on a white background.

Color Contrast Check

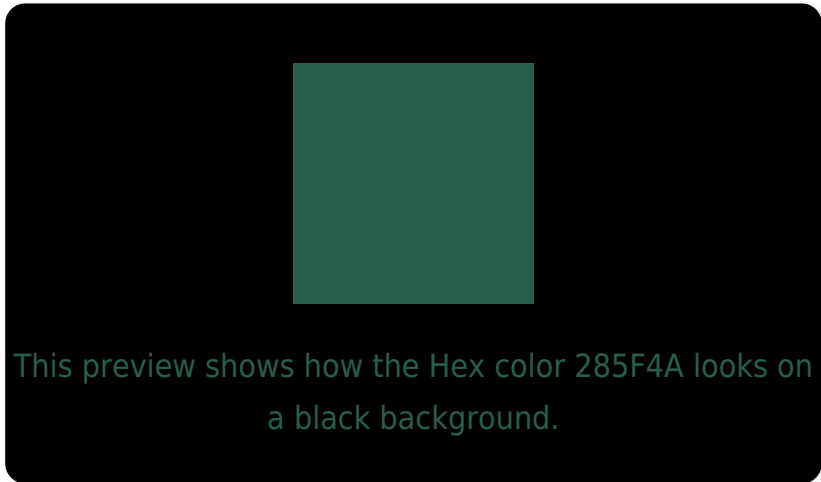
Large Text (above 18pt) WCAG AA ✓ Pass

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

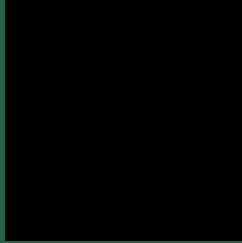
Any Text WCAG AA × Fail

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 285F4A Background



This preview shows how black text looks on a background with the Hex color 285F4A.



This preview shows how white text looks on a background with the Hex color 285F4A.

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
285F4A

Protanopia
5A5545

Deuteranopia
60524D



Tritanopia
305C63

Trichromacy



Original Color
285F4A

Protanomaly
485947

Deuteranomaly
4C574C

Tritanomaly
2D5D5A

Monochromacy



Original Color
285F4A

Achromatopsia
4C4C4C

Achromatomaly
3F534B

CSS Examples

Text

The CSS property to change the color of the text to Hex 285F4A 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 #285F4A looks like.

```
.text, #text, p{  
    color:#285F4A  
}
```

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 #285F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285F4A
}
```

Border

The CSS property to change the border of an element to Hex 285F4A 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".

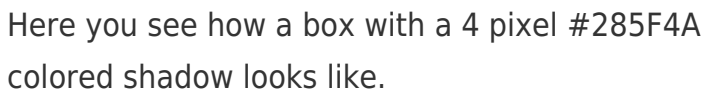
```
.border, #border, table{ border:4px solid
#285F4A }
```

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

```
.border{ border-color:#285F4A }
```

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

Here you see how a box with a 4 pixel #285F4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285F4A; -webkit-box-shadow:4px 4px  
4px 4px #285F4A; box-shadow:4px 4px 4px  
4px #285F4A }
```

Background

The CSS property to change the background color of an element to Hex 285F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285F4A }
```

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

```
.background{ background-color:#285F4A }
```

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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