

Converting Colors

Hex(285D3C)

Have a look what the booklet for
Hex(285D3C) contains.

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Color

Hex(285D3C)

Conversions

Conversions Part 1

Format	Color
Hex	285D3C
RGB	40, 93, 60
RGB Percent	16%, 36%, 24%
CMY	0.8431, 0.6353, 0.7647
CMYK	0.57, 0.00, 0.35, 0.64
HSL	143°, 40%, 26%
HSV	143°, 57%, 36%
XYZ	5.6050, 8.6061, 5.6407
YIQ	73.3910, -20.9950, -21.4990

Conversions

Conversions Part 2

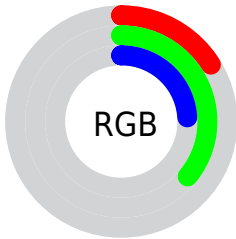
Format	Color
RYB	40, 78, 93
Decimal	2645308
CIELab	35.21, -26.13, 13.74
CIElCh	35, 29.528, 152.260
Yxy	8.6061, 0.2823, 0.4335
Android (android.graphics.Color)	4280835388 (0xFF285D3C)
YUV	73.3910, -6.6018, -29.2839
Hunter-Lab	29.3361, -17.2335, 9.1351

Details

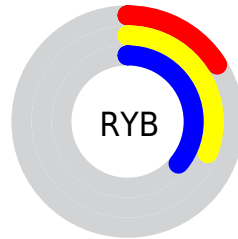
The Hex color **285D3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2849**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5A906C**, and **002E11** is the 20% darker color. If you saturate the color by 10%, you get **1F5D36**, and if you desaturate by 10%, it is **315D42**.

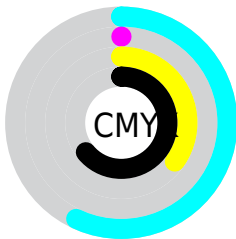
Distribution



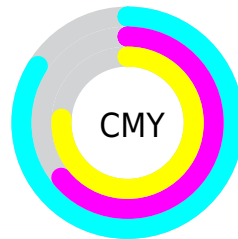
- Red (16%)
- Green (36%)
- Blue (24%)



- Red (16%)
- Yellow (31%)
- Blue (36%)



- Cyan (57%)
- Magenta (0%)
- Yellow (35%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285D3C 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 285D3C by changing the saturation by 10% instead.

 285D3C

 285D3C

FFFFFF

 0D4526

 5A906C

 002E11

 74AB85

 001B00

 8EC69F

 000000

 A9E2BA

 C5FFD6

 E1FFF2

FEFFFF

 285D3C

 285D3C

■ 1F5D36

■ 315D42

■ 155D30

■ 3B5D48

■ 0C5D2B

■ 445D4D

■ 035D25

■ 4D5D53

■ 005D23

■ 575D59

■ 605D5F

■ 695D65

■ 725D6A

■ 7C5D70

Harmonies

Analogous

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



475929



285D3C



005F54

Triad

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



285D3C



2D5582



7E423B

Complementary

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



285D3C



5D2849

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.



7E3F52



285D3C



574C7B

Square

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



285D3C



005B7C



714369



724A29

Rectangle

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



285D3C



005F64



714369



7F4042

Sweetspot

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



285D3C



63786B



4A5D28



313D36



BDBDBD



3D3D3D

Same Dimension

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



285D3C



267845



285D56



292E2B



006E29



00ED59

Inverse Universe

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



5D2849



782659



5D282F



2E292C



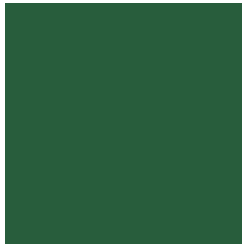
6E0044



ED0094

Previews

White Background



This preview shows how the Hex color 285D3C looks on a white background.

Color Contrast Check

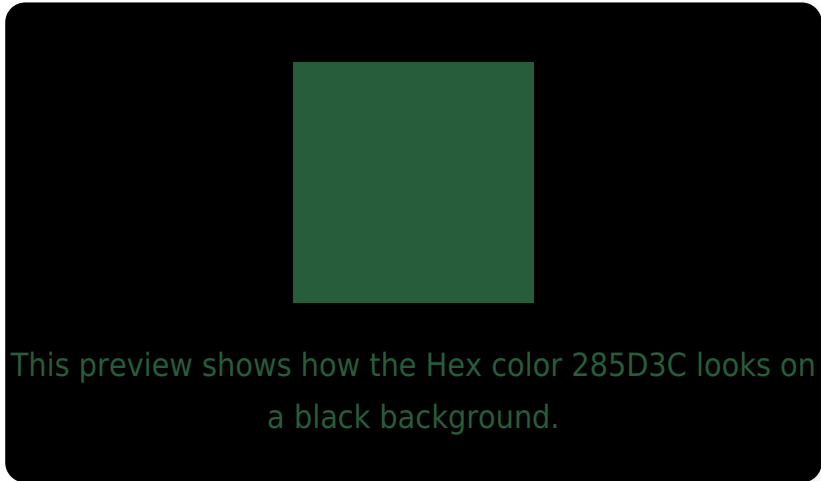
Large Text (above 18pt) WCAG AA ✓ Pass

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

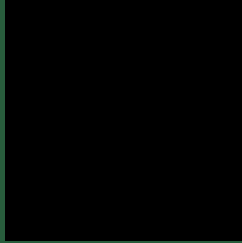
Any Text WCAG AA × Fail

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 285D3C Background



This preview shows how black text looks on a background with the Hex color 285D3C.



This preview shows how white text looks on a background with the Hex color 285D3C.

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
285D3C

Protanopia
595238

Deuteranopia
614F3F



Tritanopia
325960

Trichromacy



Original Color
285D3C

Protanomaly
475639

Deuteranomaly
4C543E

Tritanomaly
2E5A53

Monochromacy



Original Color
285D3C

Achromatopsia
494949

Achromatomaly
3D5044

CSS Examples

Text

The CSS property to change the color of the text to Hex 285D3C 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 #285D3C looks like.

```
.text, #text, p{  
    color:#285D3C  
}
```

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 #285D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285D3C
}
```

Border

The CSS property to change the border of an element to Hex 285D3C 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".

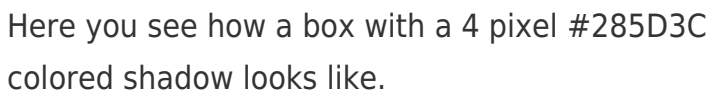
```
.border, #border, table{ border:4px solid
#285D3C }
```

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

```
.border{ border-color:#285D3C }
```

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

Here you see how a box with a 4 pixel #285D3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285D3C; -webkit-box-shadow:4px 4px  
4px 4px #285D3C; box-shadow:4px 4px 4px  
4px #285D3C }
```

Background

The CSS property to change the background color of an element to Hex 285D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285D3C }
```

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

```
.background{ background-color:#285D3C }
```

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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