

Converting Colors

Hex(285B47)

Have a look what the booklet for
Hex(285B47) contains.

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Color

Hex(285B47)

Conversions

Conversions Part 1

Format	Color
Hex	285B47
RGB	40, 91, 71
RGB Percent	16%, 36%, 28%
CMY	0.8431, 0.6431, 0.7216
CMYK	0.56, 0.00, 0.22, 0.64
HSL	156°, 39%, 26%
HSV	156°, 56%, 36%
XYZ	5.7535, 8.3882, 7.2771
YIQ	73.4710, -23.9760, -17.0320

Conversions

Conversions Part 2

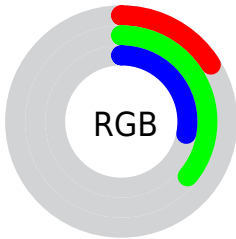
Format	Color
RYB	40, 72, 91
Decimal	2644807
CIELab	34.78, -22.55, 6.39
CIElCh	35, 23.439, 164.191
Yxy	8.3882, 0.2686, 0.3916
Android (android.graphics.Color)	4280834887 (0xFF285B47)
YUV	73.4710, -1.2182, -29.3541
Hunter-Lab	28.9624, -15.2246, 5.3765

Details

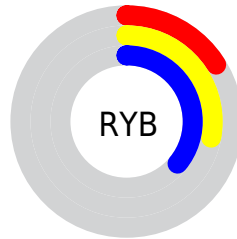
The Hex color **285B47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B283C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5A8E77**, and **002D1C** is the 20% darker color. If you saturate the color by 10%, you get **1F5B43**, and if you desaturate by 10%, it is **315B4B**.

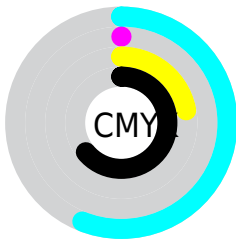
Distribution



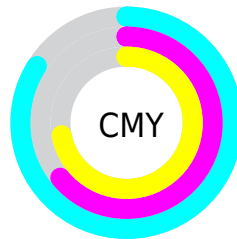
- Red (16%)
- Green (36%)
- Blue (28%)



- Red (16%)
- Yellow (28%)
- Blue (36%)



- Cyan (56%)
- Magenta (0%)
- Yellow (22%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285B47 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 285B47 by changing the saturation by 10% instead.



285B47



285B47

FFFFFF



0D4331



5A8E77



002D1C



73A891



001901



8EC3AC



000000



A9E0C7



C4FCE3



E1FFFF



FEFFFF



285B47



285B47

■ 1F5B43

■ 315B4B

■ 165B40

■ 3A5B4E

■ 0D5B3C

■ 435B52

■ 045B39

■ 4C5B55

■ 005B37

■ 565B59

■ 5F5B5C

■ 685B60

■ 715B64

■ 7A5B67

Harmonies

Analogous

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



405836



285B47



065C5A

Triad

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



285B47



455176



724739

Complementary

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



285B47



5B283C

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.



76434A



285B47



5F4A6D

Square

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



285B47



235775



70445C



664D2E

Rectangle

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



285B47



005B66



70445C



75453E

Sweetspot

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



285B47



61756D



3C5B28



2F3B36



BABABA



3B3B3B

Same Dimension

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



285B47



277556



28565B



292E2C



006E43



00ED90

Inverse Universe

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



5B283C



752746



5B2D28



2E292B



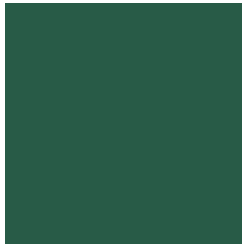
6E002B



ED005D

Previews

White Background



This preview shows how the Hex color 285B47 looks on a white background.

Color Contrast Check

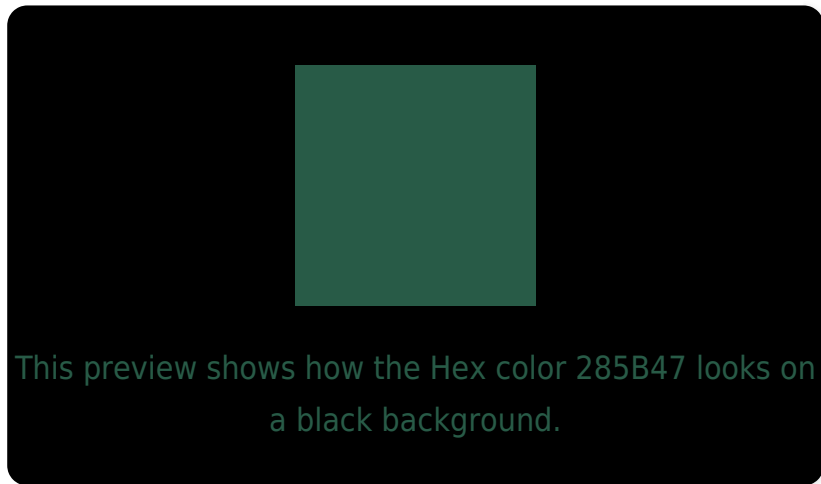
Large Text (above 18pt) WCAG AA ✓ Pass

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

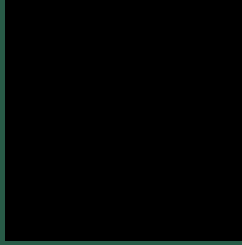
Any Text WCAG AA × Fail

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 285B47 Background



This preview shows how black text looks on a background with the Hex color 285B47.



This preview shows how white text looks on a background with the Hex color 285B47.

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](#).

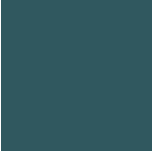
Dichromacy



Original Color
285B47

Protanopia
565142

Deuteranopia
5C4F4A



Tritanopia
30585F

Trichromacy



Original Color
285B47

Protanomaly
455544

Deuteranomaly
495349

Tritanomaly
2D5956

Monochromacy



Original Color
285B47

Achromatopsia
494949

Achromatomaly
3D5048

CSS Examples

Text

The CSS property to change the color of the text to Hex 285B47 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 #285B47 looks like.

```
.text, #text, p{  
    color:#285B47  
}
```

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 #285B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285B47
}
```

Border

The CSS property to change the border of an element to Hex 285B47 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
#285B47 }
```

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

```
.border{ border-color:#285B47 }
```

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

Here you see how a box with a 4 pixel #285B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285B47; -webkit-box-shadow:4px 4px  
4px 4px #285B47; box-shadow:4px 4px 4px  
4px #285B47 }
```

Background

The CSS property to change the background color of an element to Hex 285B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285B47 }
```

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

```
.background{ background-color:#285B47 }
```

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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