

Converting Colors

Hex(285B49)

Have a look what the booklet for
Hex(285B49) contains.

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Color

Hex(285B49)

Conversions

Conversions Part 1

Format	Color
Hex	285B49
RGB	40, 91, 73
RGB Percent	16%, 36%, 29%
CMY	0.8431, 0.6431, 0.7137
CMYK	0.56, 0.00, 0.20, 0.64
HSL	159°, 39%, 26%
HSV	159°, 56%, 36%
XYZ	5.8188, 8.4143, 7.6208
YIQ	73.6990, -24.6180, -16.4100

Conversions

Conversions Part 2

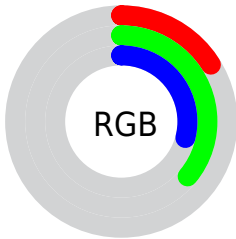
Format	Color
RYB	40, 71, 91
Decimal	2644809
CIELab	34.83, -22.04, 5.22
CIELCh	35, 22.649, 166.680
Yxy	8.4143, 0.2663, 0.3850
Android (android.graphics.Color)	4280834889 (0xFF285B49)
YUV	73.6990, -0.3446, -29.5540
Hunter-Lab	29.0075, -14.9568, 4.7287

Details

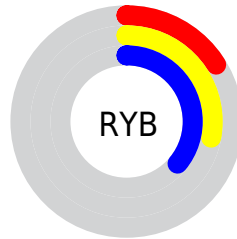
The Hex color **285B49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B283A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5A8E7A**, and **002D1D** is the 20% darker color. If you saturate the color by 10%, you get **1F5B46**, and if you desaturate by 10%, it is **315B4C**.

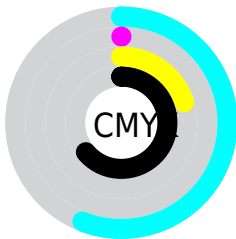
Distribution



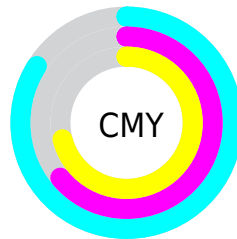
- Red (16%)
- Green (36%)
- Blue (29%)



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



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285B49 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 285B49 by changing the saturation by 10% instead.



285B49



285B49

FFFFFF



0D4332



5A8E7A



002D1D



73A893



001A04



8EC3AE



000000



A9DFC9



C4FCE5



E1FFFF



FEFFFF



285B49



285B49

■ 1F5B46

■ 315B4C

■ 165B43

■ 3A5B4F

■ 0D5B3F

■ 435B53

■ 045B3C

■ 4C5B56

■ 005B3B

■ 565B59

■ 5F5B5C

■ 685B5F

■ 715B63

■ 7A5B66

Harmonies

Analogous

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



3F5839



285B49



0C5C5C

Triad

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



285B49



485074



714838

Complementary

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



285B49



5B283A

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.



754448



285B49



614A6B

Square

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



285B49



295675



70455B



654E2F

Rectangle

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



285B49



015B67



70455B



73463D

Sweetspot

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



285B49



61756E



3B5B28



2F3B37



BABABA



3B3B3B

Same Dimension

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



285B49



27755A



28545B



292E2C



006E47



00ED99

Inverse Universe

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



5B283A



752742



5B2F28



2E292B



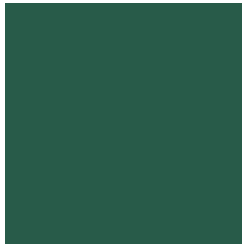
6E0027



ED0054

Previews

White Background



This preview shows how the Hex color 285B49 looks on a white background.

Color Contrast Check

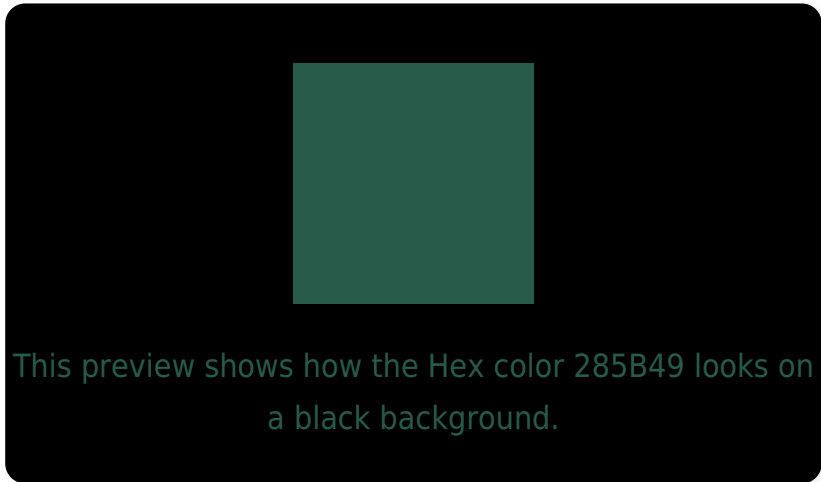
Large Text (above 18pt) WCAG AA ✓ Pass

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

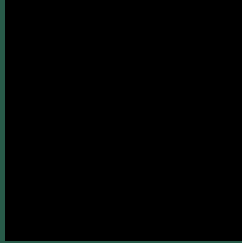
Any Text WCAG AA × Fail

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 285B49 Background



This preview shows how black text looks on a background with the Hex color 285B49.



This preview shows how white text looks on a background with the Hex color 285B49.

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](#).

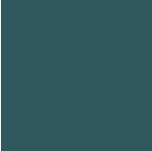
Dichromacy



Original Color
285B49

Protanopia
565144

Deuteranopia
5C4F4C



Tritanopia
2F585F

Trichromacy



Original Color
285B49

Protanomaly
455546

Deuteranomaly
49534B

Tritanomaly
2C5957

Monochromacy



Original Color
285B49

Achromatopsia
4A4A4A

Achromatomaly
3E504A

CSS Examples

Text

The CSS property to change the color of the text to Hex 285B49 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 #285B49 looks like.

```
.text, #text, p{  
    color:#285B49  
}
```

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 #285B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285B49
}
```

Border

The CSS property to change the border of an element to Hex 285B49 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".

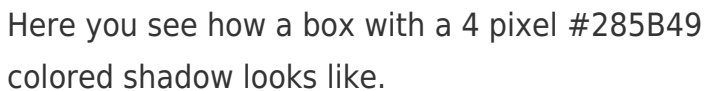
```
.border, #border, table{ border:4px solid
#285B49 }
```

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

```
.border{ border-color:#285B49 }
```

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

Here you see how a box with a 4 pixel #285B49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285B49; -webkit-box-shadow:4px 4px  
4px 4px #285B49; box-shadow:4px 4px 4px  
4px #285B49 }
```

Background

The CSS property to change the background color of an element to Hex 285B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285B49 }
```

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

```
.background{ background-color:#285B49 }
```

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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