

Converting Colors

Hex(285B6B)

Have a look what the booklet for
Hex(285B6B) contains.

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Color

Hex(285B6B)

Conversions

Conversions Part 1

Format	Color
Hex	285B6B
RGB	40, 91, 107
RGB Percent	16%, 36%, 42%
CMY	0.8431, 0.6431, 0.5804
CMYK	0.63, 0.15, 0.00, 0.58
HSL	194°, 46%, 29%
HSV	194°, 63%, 42%
XYZ	7.2700, 8.9948, 15.2629
YIQ	77.5750, -35.5320, -5.8360

Conversions

Conversions Part 2

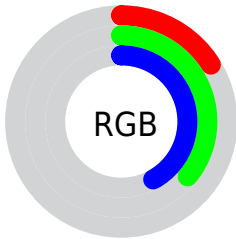
Format	Color
RYB	40, 69, 107
Decimal	2644843
CIELab	35.97, -11.78, -14.28
CIELCh	36, 18.516, 230.477
Yxy	8.9948, 0.2306, 0.2853
Android (android.graphics.Color)	4280834923 (0xFF285B6B)
YUV	77.5750, 14.5065, -32.9533
Hunter-Lab	29.9914, -9.2160, -9.1793

Details

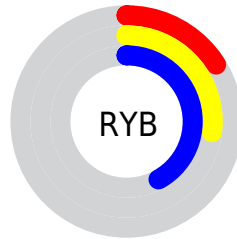
The Hex color **285B6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3828**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C8D9E**, and **002D3C** is the 20% darker color. If you saturate the color by 10%, you get **1D586B**, and if you desaturate by 10%, it is **335E6B**.

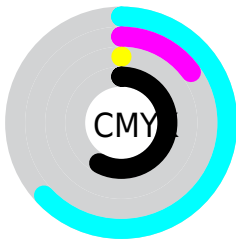
Distribution



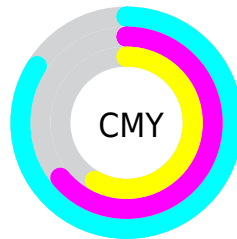
- Red (16%)
- Green (36%)
- Blue (42%)



- Red (16%)
- Yellow (27%)
- Blue (42%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (84%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285B6B 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 285B6B by changing the saturation by 10% instead.

■ 285B6B

■ 285B6B

FFFFFF

■ 074353

■ 5C8D9E

■ 002D3C

■ 77A8B9

■ 001926

■ 92C3D5

■ 000111

■ ADDFF1

■ 000000

■ C9FBFF

■ E6FFFF

■ 285B6B

■ 285B6B

■ 1D586B

■ 335E6B

■ 13566B

■ 3D606B

■ 08536B

■ 48636B

■ 00516B

■ 53656B

■ 5E686B

■ 686A6B

■ 736D6B

■ 7E6F6B

■ 88726B

Harmonies

Analogous

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



265D5E



285B6B



3A5772

Triad

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



285B6B



6F4A5A



555739

Complementary

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



285B6B



6B3828

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.



635237



285B6B



724A4B

Square

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



285B6B



634D68



6E4D3E



445A41

Rectangle

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



285B6B



495472



6E4D3E



5A5537

Sweetspot

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



285B6B



72868C



286B38



374347



C7C7C7



474747

Same Dimension

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



285B6B



23738C



283A6B



303436



005975



00BAF5

Inverse Universe

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



6B285B



8C2373



6B5928



363034



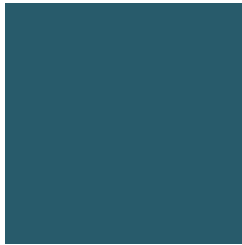
750059



F500BA

Previews

White Background



This preview shows how the Hex color 285B6B looks on a white background.

Color Contrast Check

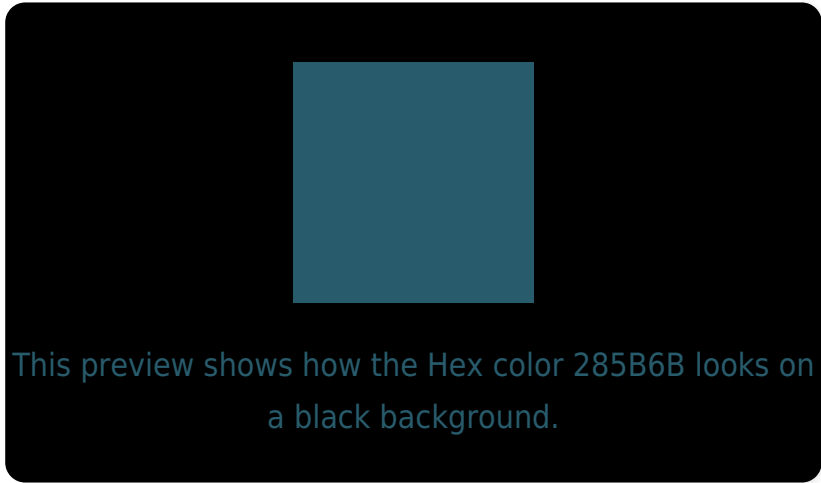
Large Text (above 18pt) WCAG AA ✓ Pass

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

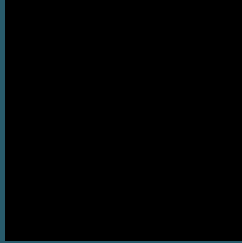
Any Text WCAG AA × Fail

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 285B6B Background



This preview shows how black text looks on a background with the Hex color 285B6B.

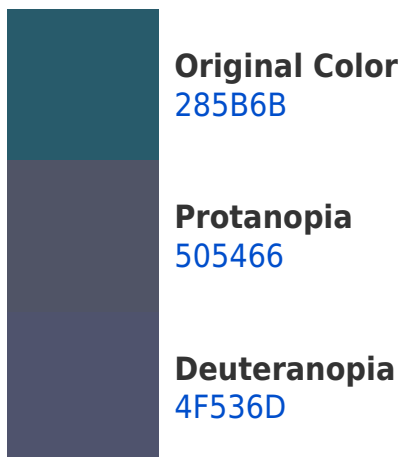


This preview shows how white text looks on a background with the Hex color 285B6B.

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](#).

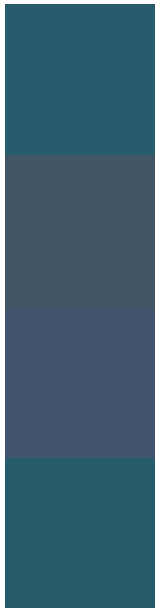
Dichromacy





Tritanopia
245C64

Trichromacy



Original Color
285B6B

Protanomaly
415768

Deuteranomaly
41566C

Tritanomaly
255C67

Monochromacy



Original Color
285B6B

Achromatopsia
4E4E4E

Achromatomaly
405359

CSS Examples

Text

The CSS property to change the color of the text to Hex 285B6B 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 #285B6B looks like.

```
.text, #text, p{  
    color:#285B6B  
}
```

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 #285B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285B6B
}
```

Border

The CSS property to change the border of an element to Hex 285B6B 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
#285B6B }
```

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

```
.border{ border-color:#285B6B }
```

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

Here you see how a box with a 4 pixel #285B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285B6B; -webkit-box-shadow:4px 4px  
4px 4px #285B6B; box-shadow:4px 4px 4px  
4px #285B6B }
```

Background

The CSS property to change the background color of an element to Hex 285B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285B6B }
```

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

```
.background{ background-color:#285B6B }
```

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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