

Converting Colors

Hex(285D6B)

Have a look what the booklet for
Hex(285D6B) contains.

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Color

Hex(285D6B)

Conversions

Conversions Part 1

Format	Color
Hex	285D6B
RGB	40, 93, 107
RGB Percent	16%, 36%, 42%
CMY	0.8431, 0.6353, 0.5804
CMYK	0.63, 0.13, 0.00, 0.58
HSL	193°, 46%, 29%
HSV	193°, 63%, 42%
XYZ	7.4433, 9.3414, 15.3207
YIQ	78.7490, -36.0820, -6.8820

Conversions

Conversions Part 2

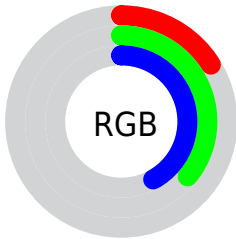
Format	Color
R_{YB}	40, 70, 107
Decimal	2645355
CIE Lab	36.63, -12.95, -13.28
CIE LCh	37, 18.548, 225.713
Yxy	9.3414, 0.2318, 0.2910
Android (android.graphics.Color)	4280835435 (0xFF285D6B)
YUV	78.7490, 13.9277, -33.9829
Hunter-Lab	30.5636, -10.0156, -8.3258




Details

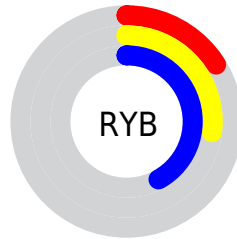
The Hex color **285D6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3628**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **5D8F9E**, and **002F3C** is the 20% darker color. If you saturate the color by 10%, you get **1D5B6B**, and if you desaturate by 10%, it is **335F6B**.

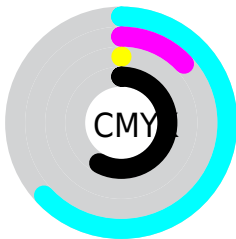
Distribution







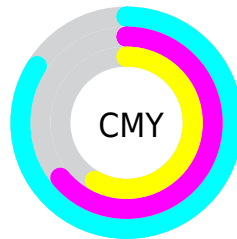
-  Red (16%)
-  Green (36%)
-  Blue (42%)






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



-  Cyan (63%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 285D6B 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 285D6B by changing the saturation by 10% instead.

■ 285D6B

■ 285D6B

FFFFFF

■ 074553

■ 5D8F9E

■ 002F3C

■ 77AAB9

■ 001B26

■ 92C5D5

■ 000111

■ ADE1F1

■ 000000

■ C9FEFF

■ E6FFFF

■ 285D6B

■ 285D6B

■ 1D5B6B

■ 335F6B

■ 13596B

■ 3D616B

■ 08566B

■ 48646B

■ 00556B

■ 53666B

■ 5E686B

■ 686A6B

■ 736D6B

■ 7E6F6B

■ 88716B

Harmonies

Analogous

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



295E5E



285D6B



385A73

Triad

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



285D6B



6F4C5E



595839

Complementary

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



285D6B



6B3628

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.



67533A



285D6B



744B4F

Square

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



285D6B



62506B



714E42



485C41

Rectangle

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



285D6B



475774



714E42



5E5638

Sweetspot

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



285D6B



72878C



286B35



374447



C7C7C7



474747

Same Dimension

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



285D6B



23768C



283C6B



303436



005D75



00C2F5

Inverse Universe

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



6B285D



8C2376



6B5728



363034



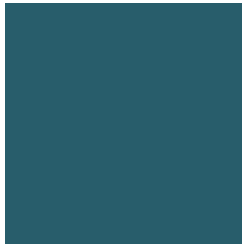
75005D



F500C2

Previews

White Background



This preview shows how the Hex color 285D6B looks on a white background.

Color Contrast Check

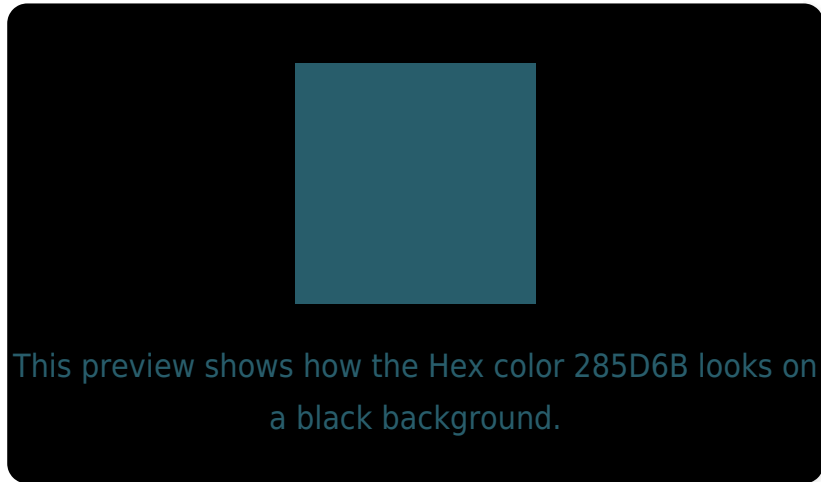
Large Text (above 18pt) WCAG AA ✓ Pass

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

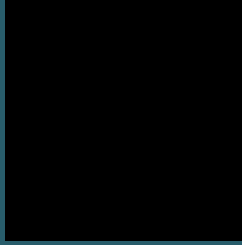
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

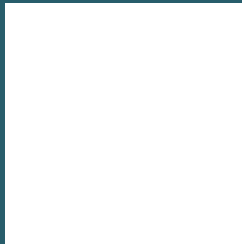
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 285D6B Background



This preview shows how black text looks on a background with the Hex color 285D6B.

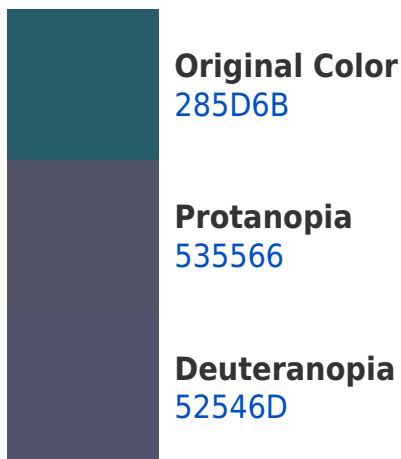


This preview shows how white text looks on a background with the Hex color 285D6B.

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](#).

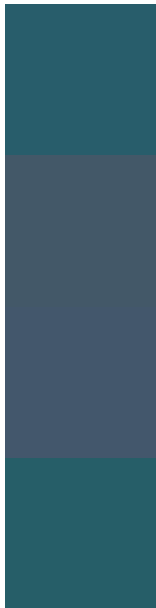
Dichromacy





Tritanopia
255E66

Trichromacy



Original Color
285D6B

Protanomaly
435868

Deuteranomaly
43576C

Tritanomaly
265E68

Monochromacy



Original Color
285D6B

Achromatopsia
4F4F4F

Achromatomaly
415459

CSS Examples

Text

The CSS property to change the color of the text to Hex 285D6B 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 #285D6B looks like.

```
.text, #text, p{  
    color:#285D6B  
}
```

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 #285D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285D6B
}
```

Border

The CSS property to change the border of an element to Hex 285D6B 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".

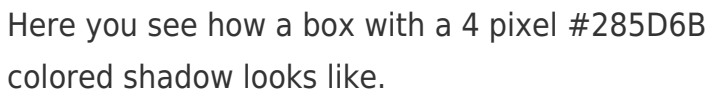
```
.border, #border, table{ border:4px solid
#285D6B }
```

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

```
.border{ border-color:#285D6B }
```

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

Here you see how a box with a 4 pixel #285D6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285D6B; -webkit-box-shadow:4px 4px  
4px 4px #285D6B; box-shadow:4px 4px 4px  
4px #285D6B }
```

Background

The CSS property to change the background color of an element to Hex 285D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285D6B }
```

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

```
.background{ background-color:#285D6B }
```

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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