

Converting Colors

Hex(285C65)

Have a look what the booklet for
Hex(285C65) contains.

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Color

Hex(285C65)

Conversions

Conversions Part 1

Format	Color
Hex	285C65
RGB	40, 92, 101
RGB Percent	16%, 36%, 40%
CMY	0.8431, 0.6392, 0.6039
CMYK	0.60, 0.09, 0.00, 0.60
HSL	189°, 43%, 28%
HSV	189°, 60%, 40%
XYZ	7.0512, 9.0450, 13.6861
YIQ	77.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

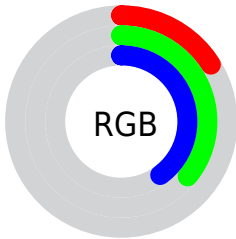
Format	Color
RYB	40, 68, 101
Decimal	2645093
CIELab	36.07, -14.35, -10.41
CIELCh	36, 17.727, 215.953
Yxy	9.0450, 0.2368, 0.3037
Android (android.graphics.Color)	4280835173 (0xFF285C65)
YUV	77.4780, 11.5963, -32.8682
Hunter-Lab	30.0749, -10.7810, -5.9286




Details

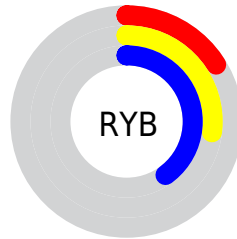
The Hex color **285C65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653128**, and the grayscale version is **4D4D4D**.



A 20% lighter version of the original color is **5C8E98**, and **002E36** is the 20% darker color. If you saturate the color by 10%, you get **1E5B65**, and if you desaturate by 10%, it is **325D65**.

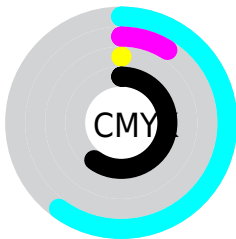
Distribution







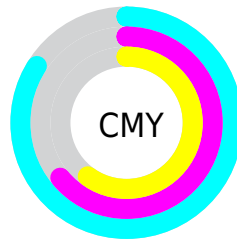
-  Red (16%)
-  Green (36%)
-  Blue (40%)






-  Red (16%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285C65 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 285C65 by changing the saturation by 10% instead.

 285C65

 285C65

FFFFFF

 09444D

 5C8E98

 002E36

 76A9B3

 001A21

 91C4CE

 000009

 ACE0EA

 000000

 C8FDFF

 E5FFFF

 285C65

 285C65

 1E5B65

 325D65

■ 145965

■ 3C5F65

■ 0A5865

■ 466065

■ 005665

■ 506265

■ 5B6365

■ 656565

■ 6F6665

■ 796865

■ 836965

Harmonies

Analogous

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



2D5D57



285C65



33596E

Triad

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



285C65



694C61



5C5539

Complementary

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



285C65



653128

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.



69503B



285C65



714A52

Square

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



285C65



5B506C



704C45



4D593E

Rectangle

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



285C65



405771



704C45



615339

Sweetspot

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



285C65



6B7F82



286530



344042



C2C2C2



424242

Same Dimension

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



285C65



247482



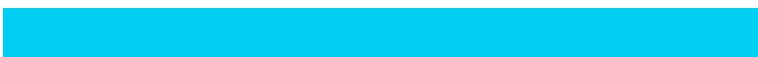
283E65



2E3233



006273



00CFF2

Inverse Universe

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



65285C



822474



654F28



332E32



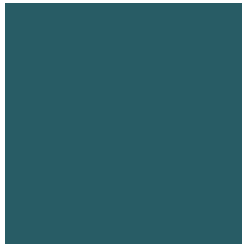
730062



F200CF

Previews

White Background



This preview shows how the Hex color 285C65 looks on a white background.

Color Contrast Check

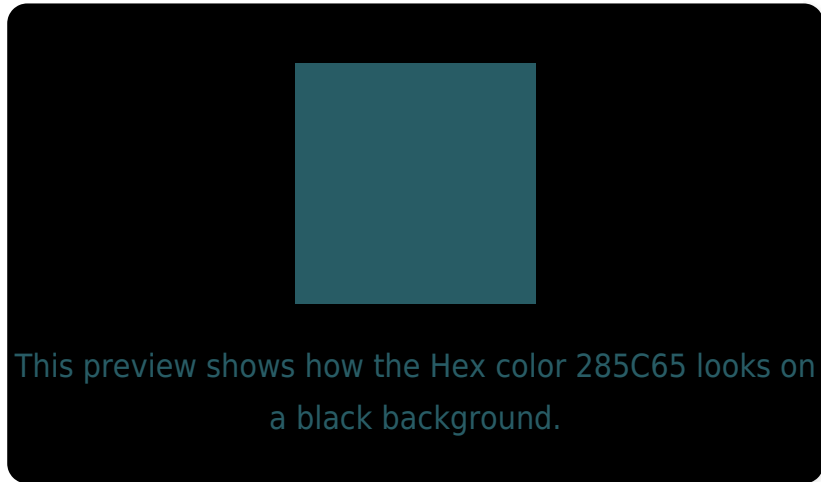
Large Text (above 18pt) WCAG AA ✓ Pass

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

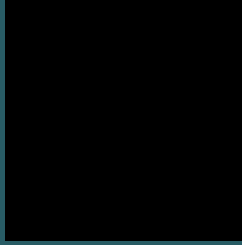
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

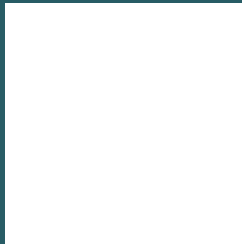
Any Text WCAG AAA × Fail

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

Hex 285C65 Background



This preview shows how black text looks on a background with the Hex color 285C65.

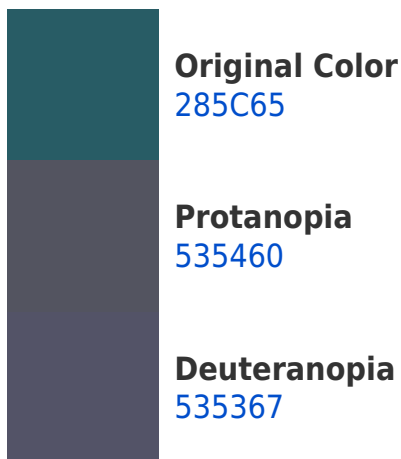



This preview shows how white text looks on a background with the Hex color 285C65.

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
275C64

Trichromacy



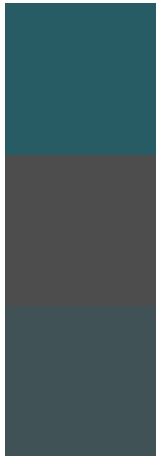
Original Color
285C65

Protanomaly
435762

Deuteranomaly
435666

Tritanomaly
275C64

Monochromacy



Original Color
285C65

Achromatopsia
4D4D4D

Achromatomaly
405256

CSS Examples

Text

The CSS property to change the color of the text to Hex 285C65 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 #285C65 looks like.

```
.text, #text, p{  
    color:#285C65  
}
```

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 #285C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285C65  
}
```

Border

The CSS property to change the border of an element to Hex 285C65 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  
#285C65 }
```

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

```
.border{ border-color:#285C65 }
```

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

Here you see how a box with a 4 pixel #285C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285C65; -webkit-box-shadow:4px 4px  
4px 4px #285C65; box-shadow:4px 4px 4px  
4px #285C65 }
```

Background

The CSS property to change the background color of an element to Hex 285C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285C65 }
```

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

```
.background{ background-color:#285C65 }
```

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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