

Converting Colors

Hex(285A71)

Have a look what the booklet for
Hex(285A71) contains.

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Color

Hex(285A71)

Conversions

Conversions Part 1

Format	Color
Hex	285A71
RGB	40, 90, 113
RGB Percent	16%, 35%, 44%
CMY	0.8431, 0.6471, 0.5569
CMYK	0.65, 0.20, 0.00, 0.56
HSL	199°, 48%, 30%
HSV	199°, 65%, 44%
XYZ	7.5119, 8.9557, 16.9555
YIQ	77.6720, -37.1830, -3.4470

Conversions

Conversions Part 2

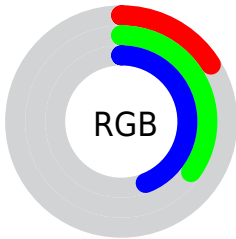
Format	Color
RYB	40, 70, 113
Decimal	2644593
CIELab	35.90, -9.13, -18.12
CIELCh	36, 20.290, 243.258
Yxy	8.9557, 0.2248, 0.2679
Android (android.graphics.Color)	4280834673 (0xFF285A71)
YUV	77.6720, 17.4167, -33.0383
Hunter-Lab	29.9261, -7.5646, -12.6442




Details

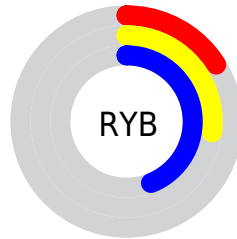
The Hex color **285A71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713F28**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **5D8CA5**, and **002C41** is the 20% darker color. If you saturate the color by 10%, you get **1D5671**, and if you desaturate by 10%, it is **335E71**.

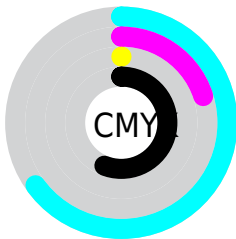
Distribution







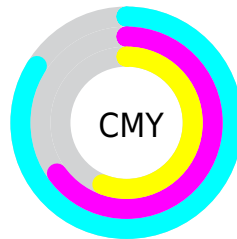
-  Red (16%)
-  Green (35%)
-  Blue (44%)






-  Red (16%)
-  Yellow (27%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285A71 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 285A71 by changing the saturation by 10% instead.

■ 285A71

■ 285A71

FFFFFF

■ 064358

■ 5D8CA5

■ 002C41

■ 78A6C0

■ 00182B

■ 93C2DC

■ 000116

■ AEDDF8

■ 000000

■ CAFAFF

■ E7FFFF

■ 285A71

■ 285A71

■ 1D5671

■ 335E71

■ 115371

■ 3F6171

■ 064F71

■ 4A6571

■ 004D71

■ 556871

■ 616C71

■ 6C6F71

■ 777371

■ 827671

■ 8E7A71

Harmonies

Analogous

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



1B5D66



285A71



415575

Triad

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



285A71



744853



4C5939

Complementary

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



285A71



713F28

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.



5E5434



285A71



744A43

Square

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



285A71



6B4A63



6C4E38



395C45

Rectangle

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



285A71



515272



6C4E38



535736

Sweetspot

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



285A71



788B94



28713E



39454A



C9C9C9



4A4A4A

Same Dimension

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



285A71



217094



283771



323638



005278



00A9F7

Inverse Universe

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



71285A



942170



716228



383236



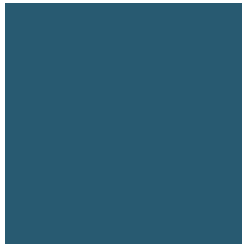
780052



F700A9

Previews

White Background



This preview shows how the Hex color 285A71 looks on a white background.

Color Contrast Check

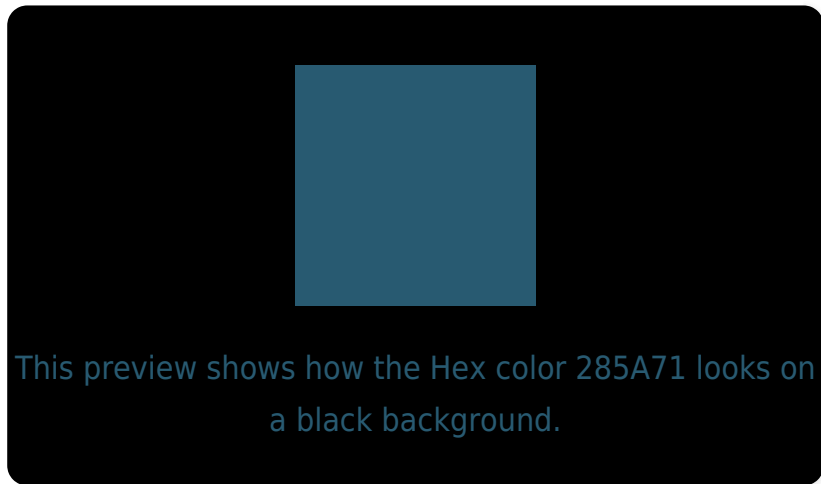
Large Text (above 18pt) WCAG AA ✓ Pass

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

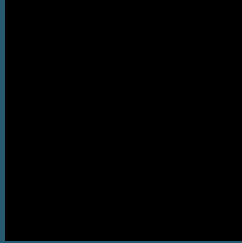
Any Text WCAG AA × Fail

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 285A71 Background



This preview shows how black text looks on a background with the Hex color 285A71.

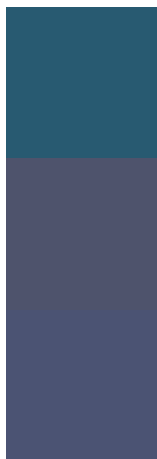


This preview shows how white text looks on a background with the Hex color 285A71.

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
285A71

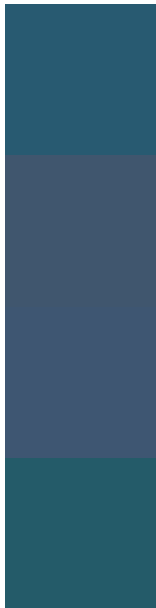
Protanopia
4E536C

Deuteranopia
4B5373



Tritanopia
215C64

Trichromacy



Original Color
285A71

Protanomaly
40566E

Deuteranomaly
3E5672

Tritanomaly
245B69

Monochromacy



Original Color
285A71

Achromatopsia
4E4E4E

Achromatomaly
40525B

CSS Examples

Text

The CSS property to change the color of the text to Hex 285A71 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 #285A71 looks like.

```
.text, #text, p{  
    color:#285A71  
}
```

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 #285A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285A71
}
```

Border

The CSS property to change the border of an element to Hex 285A71 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
#285A71 }
```

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

```
.border{ border-color:#285A71 }
```

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

Here you see how a box with a 4 pixel #285A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285A71; -webkit-box-shadow:4px 4px  
4px 4px #285A71; box-shadow:4px 4px 4px  
4px #285A71 }
```

Background

The CSS property to change the background color of an element to Hex 285A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285A71 }
```

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

```
.background{ background-color:#285A71 }
```

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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