

Converting Colors

Hex(295B6C)

Have a look what the booklet for
Hex(295B6C) contains.

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Color

Hex(295B6C)

Conversions

Conversions Part 1

Format	Color
Hex	295B6C
RGB	41, 91, 108
RGB Percent	16%, 36%, 42%
CMY	0.8392, 0.6431, 0.5765
CMYK	0.62, 0.16, 0.00, 0.58
HSL	195°, 45%, 29%
HSV	195°, 62%, 42%
XYZ	7.3623, 9.0363, 15.5435
YIQ	77.9880, -35.2570, -5.3130

Conversions

Conversions Part 2

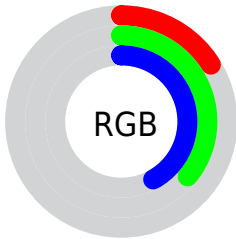
Format	Color
RYB	41, 70, 108
Decimal	2710380
CIELab	36.05, -11.23, -14.78
CIElCh	36, 18.562, 232.762
Yxy	9.0363, 0.2305, 0.2829
Android (android.graphics.Color)	4280900460 (0xFF295B6C)
YUV	77.9880, 14.7959, -32.4385
Hunter-Lab	30.0604, -8.8881, -9.6151

Details

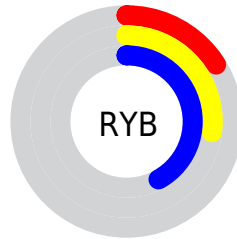
The Hex color **295B6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3A29**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D8D9F**, and **002D3D** is the 20% darker color. If you saturate the color by 10%, you get **1E586C**, and if you desaturate by 10%, it is **345E6C**.

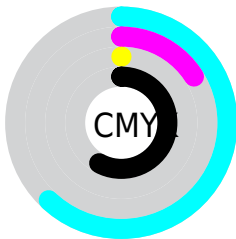
Distribution



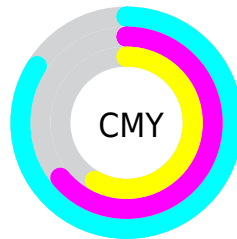
- Red (16%)
- Green (36%)
- Blue (42%)



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



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 295B6C 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 295B6C by changing the saturation by 10% instead.

■ 295B6C

■ 295B6C

FFFFFF

■ 094354

■ 5D8D9F

■ 002D3D

■ 78A8BA

■ 001927

■ 93C3D6

■ 000112

■ AEDFF3

■ 000000

■ CAFBFF

■ E7FFFF

■ 295B6C

■ 295B6C

■ 1E586C

■ 345E6C

■ 13566C

■ 3F606C

■ 09536C

■ 49636C

■ 00516C

■ 54666C

■ 5F696C

■ 6A6B6C

■ 756E6C

■ 7F716C

■ 8A746C

Harmonies

Analogous

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



255D60



295B6C



3C5772

Triad

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



295B6C



704A59



535739

Complementary

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



295B6C



6C3A29

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.



635337



295B6C



734A4A

Square

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



295B6C



644D67



6E4E3E



425B42

Rectangle

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



295B6C



4B5472



6E4E3E



595638

Sweetspot

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



295B6C



72858C



296C3A



374347



C7C7C7



474747

Same Dimension

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



295B6C



24728C



293A6C



303436



005875



00B7F5

Inverse Universe

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



6C295B



8C2472



6C5B29



363034



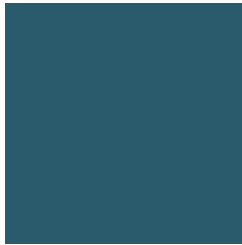
750058



F500B7

Previews

White Background



This preview shows how the Hex color 295B6C looks on a white background.

Color Contrast Check

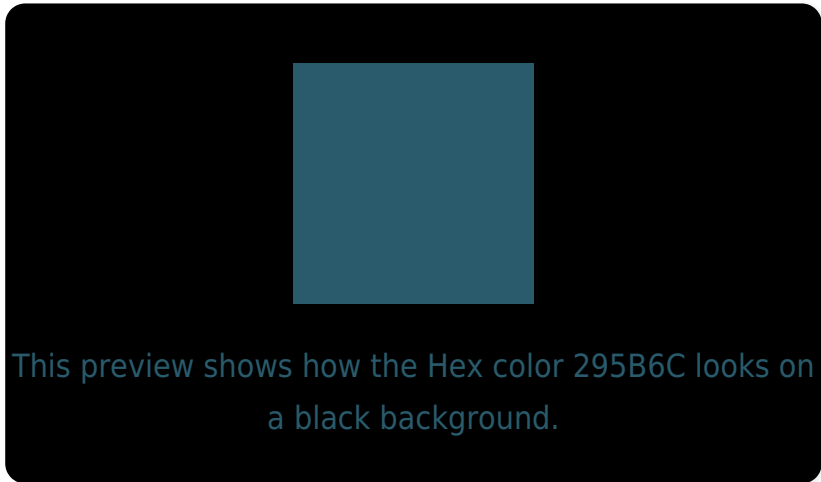
Large Text (above 18pt) WCAG AA ✓ Pass

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

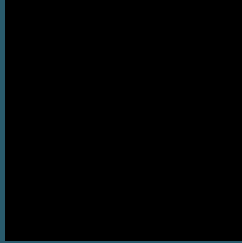
Any Text WCAG AA × Fail

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 295B6C Background



This preview shows how black text looks on a background with the Hex color 295B6C.

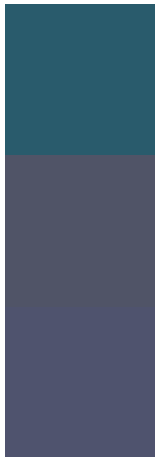


This preview shows how white text looks on a background with the Hex color 295B6C.

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
295B6C

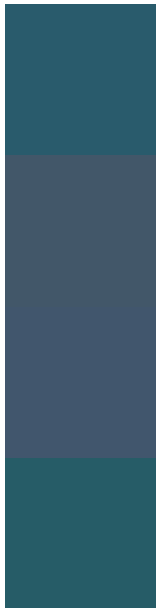
Protanopia
505467

Deuteranopia
4F536E



Tritanopia
255C64

Trichromacy



Original Color
295B6C

Protanomaly
425769

Deuteranomaly
41566D

Tritanomaly
265C67

Monochromacy



Original Color
295B6C

Achromatopsia
4E4E4E

Achromatomaly
415359

CSS Examples

Text

The CSS property to change the color of the text to Hex 295B6C 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 #295B6C looks like.

```
.text, #text, p{  
    color:#295B6C  
}
```

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 #295B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295B6C
}
```

Border

The CSS property to change the border of an element to Hex 295B6C 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".

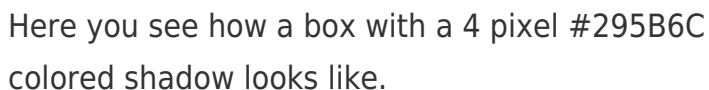
```
.border, #border, table{ border:4px solid
#295B6C }
```

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

```
.border{ border-color:#295B6C }
```

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

Here you see how a box with a 4 pixel #295B6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295B6C; -webkit-box-shadow:4px 4px  
4px 4px #295B6C; box-shadow:4px 4px 4px  
4px #295B6C }
```

Background

The CSS property to change the background color of an element to Hex 295B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295B6C }
```

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

```
.background{ background-color:#295B6C }
```

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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