

Converting Colors

Hex(295853)

Have a look what the booklet for
Hex(295853) contains.

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Color

Hex(295853)

Conversions

Conversions Part 1

Format	Color
Hex	295853
RGB	41, 88, 83
RGB Percent	16%, 35%, 33%
CMY	0.8392, 0.6549, 0.6745
CMYK	0.53, 0.00, 0.06, 0.65
HSL	174°, 36%, 25%
HSV	174°, 53%, 35%
XYZ	5.9655, 8.0754, 9.4279
YIQ	73.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

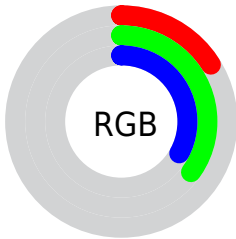
Format	Color
R_{YB}	41, 66, 88
Decimal	2709587
CIE Lab	34.14, -17.41, -2.03
CIE LCh	34, 17.533, 186.660
Yxy	8.0754, 0.2542, 0.3441
Android (android.graphics.Color)	4280899667 (0xFF295853)
YUV	73.3770, 4.7441, -28.3946
Hunter-Lab	28.4172, -12.2584, 0.2216

Details

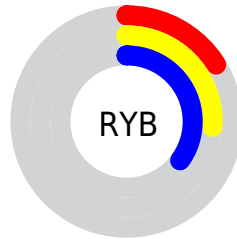
The Hex color **295853** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58292E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5B8A84**, and **002A26** is the 20% darker color. If you saturate the color by 10%, you get **205852**, and if you desaturate by 10%, it is **325854**.

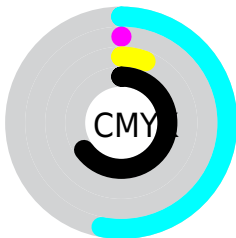
Distribution



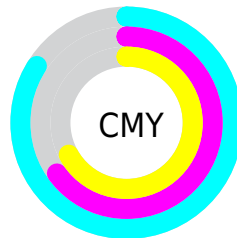
- Red (16%)
- Green (35%)
- Blue (33%)



- Red (16%)
- Yellow (26%)
- Blue (35%)



- Cyan (53%)
- Magenta (0%)
- Yellow (6%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295853 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 295853 by changing the saturation by 10% instead.

■ 295853

■ 295853

FFFFFF

■ 0F403C

■ 5B8A84

■ 002A26

■ 74A59E

■ 001712

■ 8FC0B9

■ 000000

■ AADC5

■ C5F8F1

■ E2FFFF

■ 295853

■ 295853

■ 205852

■ 325854

■ 175851

■ 3B5855

■ 0F5850

■ 435856

■ 06584F

■ 4C5857

■ 00584F

■ 555858

■ 5E5859

■ 67585A

■ 6F585A

■ 78585B

Harmonies

Analogous

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



385745



295853



245760

Triad

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



295853



564C67



634C37

Complementary

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



295853



58292E

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.



6B4840



295853



65475C

Square

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



295853



43516C



6C464E



575035

Rectangle

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



295853



2A5667



6C464E



674A3A

Sweetspot

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



295853



607371



2E5829



303B39



BABABA



3B3B3B

Same Dimension

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



295853



29736B



294658



272B2B



006B60



00EBD2

Inverse Universe

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



58292E



732931



583B29



2B2727



6B000B



EB0019

Previews

White Background



This preview shows how the Hex color 295853 looks on a white background.

Color Contrast Check

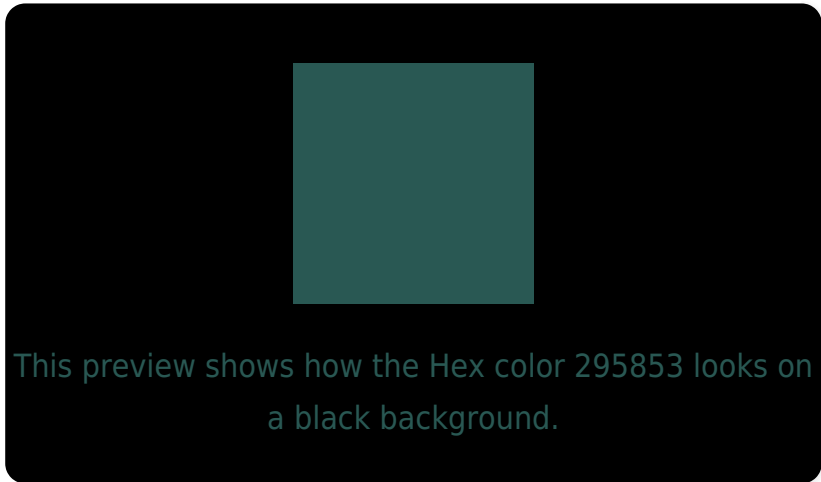
Large Text (above 18pt) WCAG AA ✓ Pass

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

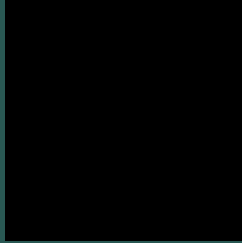
Any Text WCAG AA × Fail

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 295853 Background



This preview shows how black text looks on a background with the Hex color 295853.

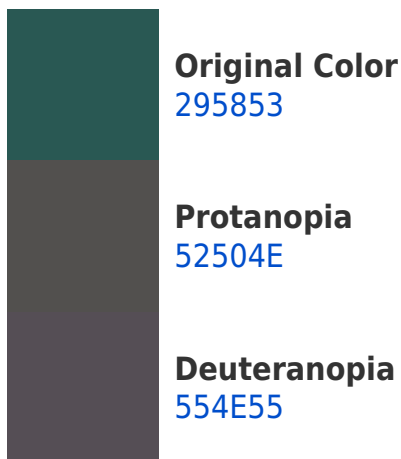


This preview shows how white text looks on a background with the Hex color 295853.

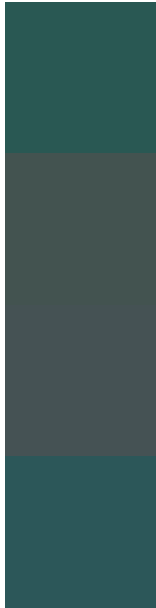
Color Blindness Simulation

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



Trichromacy



Original Color
295853

Protanomaly
435350

Deuteranomaly
455254

Tritanomaly
2C5759

Monochromacy



Original Color
295853

Achromatopsia
494949

Achromatomaly
3D4E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 295853 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 #295853 looks like.

```
.text, #text, p{  
    color:#295853  
}
```

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 #295853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295853
}
```

Border

The CSS property to change the border of an element to Hex 295853 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".

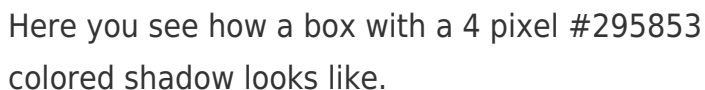
```
.border, #border, table{ border:4px solid
#295853 }
```

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

```
.border{ border-color:#295853 }
```

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

Here you see how a box with a 4 pixel #295853 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295853; -webkit-box-shadow:4px 4px  
4px 4px #295853; box-shadow:4px 4px 4px  
4px #295853 }
```

Background

The CSS property to change the background color of an element to Hex 295853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295853 }
```

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

```
.background{ background-color:#295853 }
```

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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