

Converting Colors

Hex(296663)

Have a look what the booklet for
Hex(296663) contains.

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Color

Hex(296663)

Conversions

Conversions Part 1

Format	Color
Hex	296663
RGB	41, 102, 99
RGB Percent	16%, 40%, 39%
CMY	0.8392, 0.6000, 0.6118
CMYK	0.60, 0.00, 0.03, 0.60
HSL	177°, 43%, 28%
HSV	177°, 60%, 40%
XYZ	7.9180, 10.8750, 13.4861
YIQ	83.4190, -35.3930, -13.8650

Conversions

Conversions Part 2

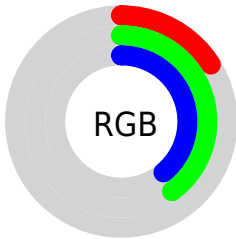
Format	Color
RYB	41, 72, 102
Decimal	2713187
CIELab	39.37, -20.29, -4.23
CIELCh	39, 20.726, 191.779
Yxy	10.8750, 0.2453, 0.3369
Android (android.graphics.Color)	4280903267 (0xFF296663)
YUV	83.4190, 7.6814, -37.2015
Hunter-Lab	32.9773, -14.8518, -1.1627

Details

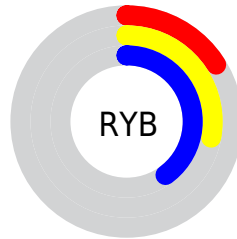
The Hex color **296663** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66292C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5D9996**, and **003735** is the 20% darker color. If you saturate the color by 10%, you get **1F6662**, and if you desaturate by 10%, it is **336664**.

Distribution



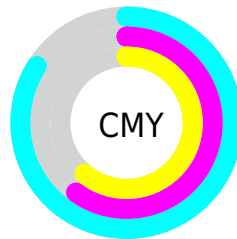
- Red (16%)
- Green (40%)
- Blue (39%)



- Red (16%)
- Yellow (28%)
- Blue (40%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296663 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 296663 by changing the saturation by 10% instead.

■ 296663

■ 296663

FFFFFF

■ 094E4B

■ 5D9996

■ 003735

■ 78B4B0

■ 00211F

■ 93D0CC

■ 000008

■ AEECE8

■ 000000

■ CAFFFF

■ E7FFFF

■ 296663

■ 296663

■ 1F6662

■ 336664

■ 156662

■ 3D6664

■ 0A6661

■ 486665

■ 006661

■ 526665

■ 5C6666

■ 666666

■ 706667

■ 7B6667

■ 856668

Harmonies

Analogous

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



3B6552



296663



256573

Triad

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



296663



675676



71583D

Complementary

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



296663



66292C

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.



7C5347



296663



775168

Square

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



296663



505C7E



7E5057



625E3B

Rectangle

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



296663



2F637A



7E5057



765640

Sweetspot

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



296663



6D8583



2C6629



344242



C2C2C2



424242

Same Dimension

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



296663



258580



294B66



2E3333



00736D



00F2E6

Inverse Universe

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



66292C



85252A



664429



332E2E



730006



F2000C

Previews

White Background



This preview shows how the Hex color 296663 looks on a white background.

Color Contrast Check

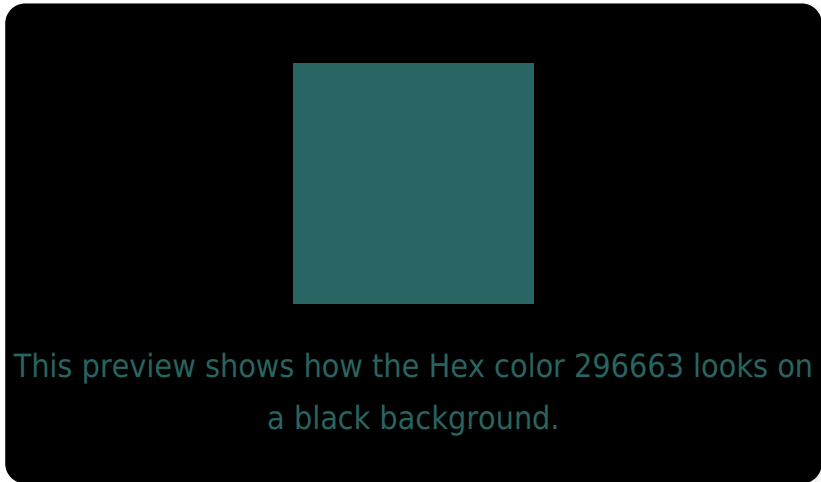
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

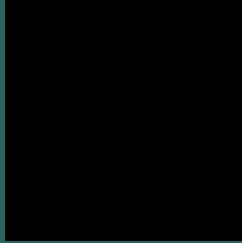
Any Text WCAG AA × Fail

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 296663 Background



This preview shows how black text looks on a background with the Hex color 296663.

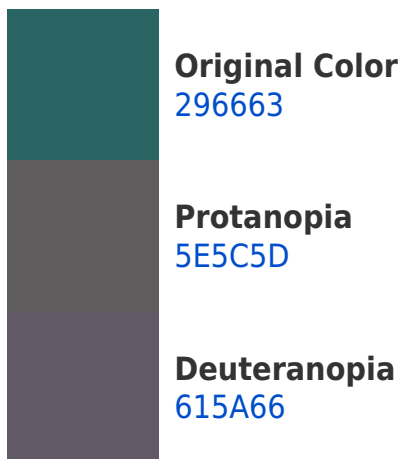



This preview shows how white text looks on a background with the Hex color 296663.

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](#).

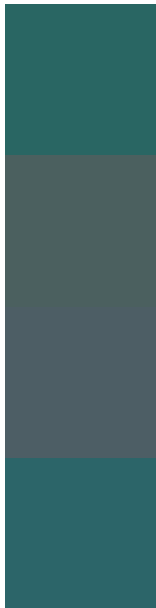
Dichromacy





Tritanopia
2D656D

Trichromacy



Original Color
296663

Protanomaly
4B605F

Deuteranomaly
4D5E65

Tritanomaly
2C6569

Monochromacy



Original Color
296663

Achromatopsia
535353

Achromatomaly
445A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 296663 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 #296663 looks like.

```
.text, #text, p{  
    color:#296663  
}
```

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 #296663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296663
}
```

Border

The CSS property to change the border of an element to Hex 296663 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".

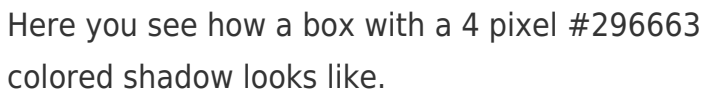
```
.border, #border, table{ border:4px solid
#296663 }
```

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

```
.border{ border-color:#296663 }
```

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

Here you see how a box with a 4 pixel #296663 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296663; -webkit-box-shadow:4px 4px  
4px 4px #296663; box-shadow:4px 4px 4px  
4px #296663 }
```

Background

The CSS property to change the background color of an element to Hex 296663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296663 }
```

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

```
.background{ background-color:#296663 }
```

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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