

Converting Colors

Hex(296671)

Have a look what the booklet for
Hex(296671) contains.

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Color

Hex(296671)

Conversions

Conversions Part 1

Format	Color
Hex	296671
RGB	41, 102, 113
RGB Percent	16%, 40%, 44%
CMY	0.8392, 0.6000, 0.5569
CMYK	0.64, 0.10, 0.00, 0.56
HSL	189°, 47%, 30%
HSV	189°, 64%, 44%
XYZ	8.6465, 11.1664, 17.3224
YIQ	85.0150, -39.8870, -9.5110

Conversions

Conversions Part 2

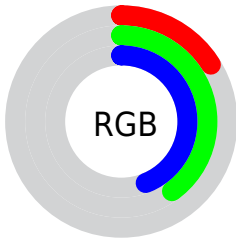
Format	Color
RYB	41, 74, 113
Decimal	2713201
CIELab	39.86, -15.90, -12.06
CIELCh	40, 19.958, 217.183
Yxy	11.1664, 0.2328, 0.3007
Android (android.graphics.Color)	4280903281 (0xFF296671)
YUV	85.0150, 13.7966, -38.6012
Hunter-Lab	33.4162, -12.2913, -7.3436




Details

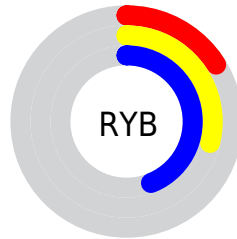
The Hex color **296671** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713429**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **5F99A5**, and **003741** is the 20% darker color. If you saturate the color by 10%, you get **1E6471**, and if you desaturate by 10%, it is **346871**.

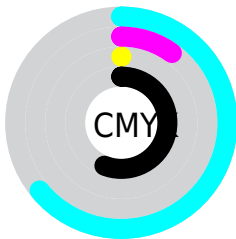
Distribution







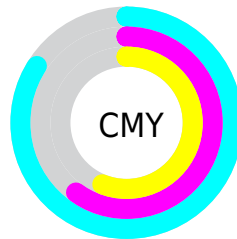
-  Red (16%)
-  Green (40%)
-  Blue (44%)






-  Red (16%)
-  Yellow (29%)
-  Blue (44%)



-  Cyan (64%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296671 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 296671 by changing the saturation by 10% instead.

■ 296671

■ 296671

FFFFFF

■ 054E59

■ 5F99A5

■ 003741

■ 7AB4C0

■ 00212B

■ 95D0DC

■ 000117

■ B0ECF8

■ 000000

■ CDFFFF

■ EAFFFF

■ 296671

■ 296671

■ 1E6471

■ 346871

■ 126371

■ 406971

■ 076171

■ 4B6B71

■ 006071

■ 566D71

■ 626F71

■ 6D7071

■ 787271

■ 837471

■ 8F7671

Harmonies

Analogous

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



2F6761



296671



37637B

Triad

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



296671



76536B



655E3D

Complementary

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



296671



713429

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.



745940



296671



7E525B

Square

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



296671



655878



7D544B



546344

Rectangle

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



296671



46607E



7D544B



6B5C3D

Sweetspot

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



296671



789094



297134



39474A



C9C9C9



4A4A4A

Same Dimension

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



296671



238394



294271



323738



006678



00D2F7

Inverse Universe

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



712966



942383



715829



383237



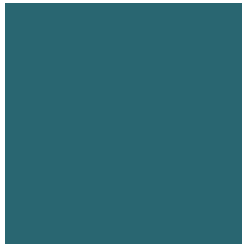
780066



F700D2

Previews

White Background



This preview shows how the Hex color 296671 looks on a white background.

Color Contrast Check

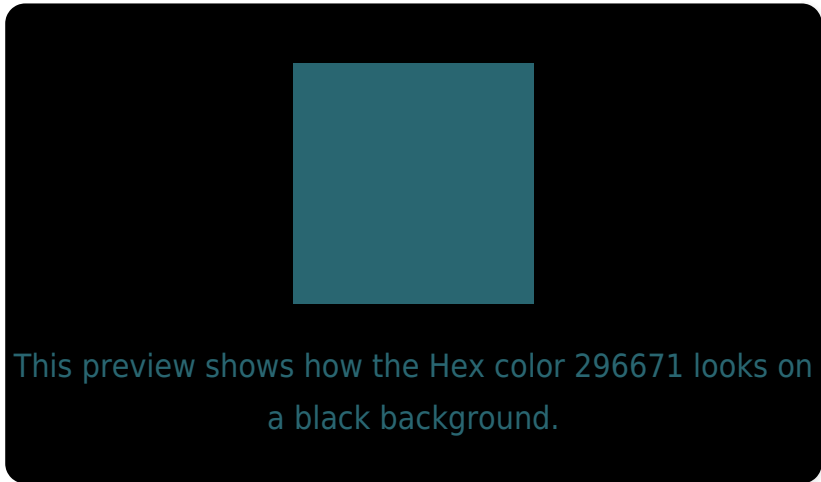
Large Text (above 18pt) WCAG AA ✓ Pass

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

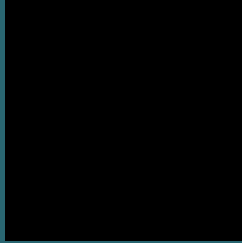
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

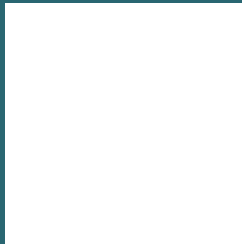
Any Text WCAG AAA × Fail

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

Hex 296671 Background



This preview shows how black text looks on a background with the Hex color 296671.




This preview shows how white text looks on a background with the Hex color 296671.

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](#).

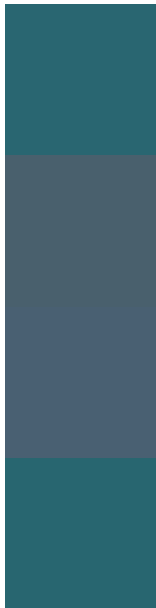
Dichromacy





Tritanopia
28666F

Trichromacy



Original Color
296671

Protanomaly
49606D

Deuteranomaly
496072

Tritanomaly
286670

Monochromacy



Original Color
296671

Achromatopsia
555555

Achromatomaly
455B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 296671 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 #296671 looks like.

```
.text, #text, p{  
    color:#296671  
}
```

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 #296671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296671
}
```

Border

The CSS property to change the border of an element to Hex 296671 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
#296671 }
```

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

```
.border{ border-color:#296671 }
```

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

Here you see how a box with a 4 pixel #296671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296671; -webkit-box-shadow:4px 4px  
4px 4px #296671; box-shadow:4px 4px 4px  
4px #296671 }
```

Background

The CSS property to change the background color of an element to Hex 296671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296671 }
```

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

```
.background{ background-color:#296671 }
```

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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