

Converting Colors

Hex(296B7C)

Have a look what the booklet for
Hex(296B7C) contains.

Hex(296B7C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(296B7C)

Conversions

Conversions Part 1

Format	Color
Hex	296B7C
RGB	41, 107, 124
RGB Percent	16%, 42%, 49%
CMY	0.8392, 0.5804, 0.5137
CMYK	0.67, 0.14, 0.00, 0.51
HSL	192°, 50%, 32%
HSV	192°, 67%, 49%
XYZ	9.8102, 12.4420, 20.9533
YIQ	89.2040, -44.7930, -8.7050

Conversions

Conversions Part 2

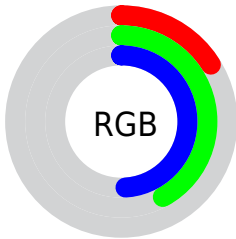
Format	Color
RYB	41, 78, 124
Decimal	2714492
CIELab	41.91, -15.07, -15.62
CIElCh	42, 21.708, 226.026
Yxy	12.4420, 0.2271, 0.2880
Android (android.graphics.Color)	4280904572 (0xFF296B7C)
YUV	89.2040, 17.1544, -42.2749
Hunter-Lab	35.2733, -12.0837, -10.5286




Details

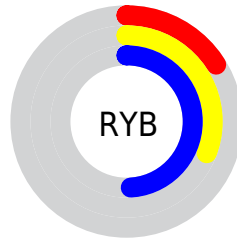
The Hex color **296B7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3A29**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **619EB1**, and **003B4B** is the 20% darker color. If you saturate the color by 10%, you get **1D687C**, and if you desaturate by 10%, it is **356E7C**.

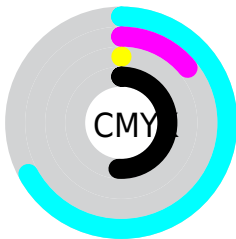
Distribution







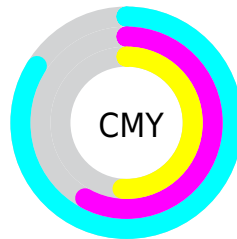
-  Red (16%)
-  Green (42%)
-  Blue (49%)






-  Red (16%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (67%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (84%)
-  Magenta (58%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296B7C 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 296B7C by changing the saturation by 10% instead.

■ 296B7C

■ 296B7C

FFFFFF

■ 015363

■ 619EB1

■ 003B4B

■ 7CB9CC

■ 002634

■ 97D5E8

■ 000E1F

■ B3F2FF

■ 000004

■ D0FFFF

■ 000000

■ EDFFFF

■ 296B7C

■ 296B7C

■ 1D687C

■ 356E7C

■ 10667C

■ 42707C

■ 04637C

■ 4E737C

■ 00637C

■ 5B757C

■ 67787C

■ 737A7C

■ 807D7C

■ 8C7F7C

■ 99827C

Harmonies

Analogous

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



2A6D6C



296B7C



3E6785

Triad

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



296B7C



81566C



666540

Complementary

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



296B7C



7C3A29

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.



775F40



296B7C



86565A

Square

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



296B7C



715B7C



83594A



51694A

Rectangle

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



296B7C



506386



83594A



6C633F

Sweetspot

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



296B7C



819AA1



297C3A



3E4E52



D1D1D1



525252

Same Dimension

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



296B7C



2086A1



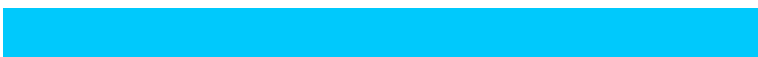
29427C



373C3D



00637D



00C9FC

Inverse Universe

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



7C296B



A12086



7C6329



3D373C



7D0063



FC00C9

Previews

White Background



This preview shows how the Hex color 296B7C looks on a white background.

Color Contrast Check

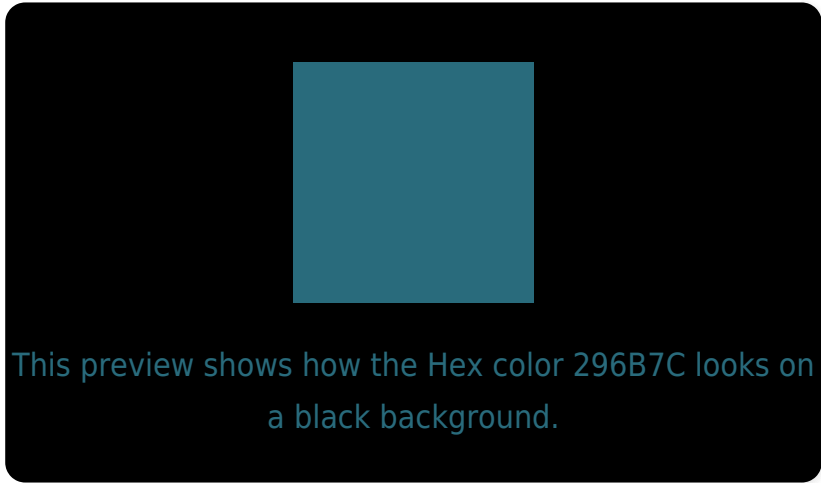
Large Text (above 18pt) WCAG AA ✓ Pass

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

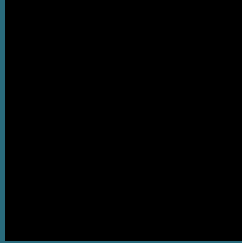
Any Text WCAG AA × Fail

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 296B7C Background



This preview shows how black text looks on a background with the Hex color 296B7C.



This preview shows how white text looks on a background with the Hex color 296B7C.

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](#).

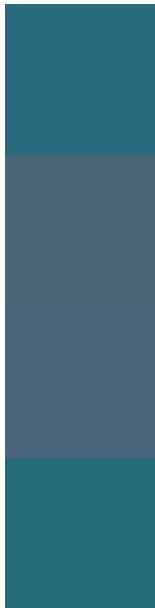
Dichromacy





Tritanopia
256C75

Trichromacy



Original Color
296B7C

Protanomaly
4B6578

Deuteranomaly
4A657D

Tritanomaly
266C78

Monochromacy



Original Color
296B7C

Achromatopsia
595959

Achromatomaly
486066

CSS Examples

Text

The CSS property to change the color of the text to Hex 296B7C 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 #296B7C looks like.

```
.text, #text, p{  
    color:#296B7C  
}
```

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 #296B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296B7C
}
```

Border

The CSS property to change the border of an element to Hex 296B7C 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
#296B7C }
```

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

```
.border{ border-color:#296B7C }
```

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

Here you see how a box with a 4 pixel #296B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296B7C; -webkit-box-shadow:4px 4px  
4px 4px #296B7C; box-shadow:4px 4px 4px  
4px #296B7C }
```

Background

The CSS property to change the background color of an element to Hex 296B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296B7C }
```

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

```
.background{ background-color:#296B7C }
```

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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