

Converting Colors

Hex(296B6B)

Have a look what the booklet for
Hex(296B6B) contains.

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Color

Hex(296B6B)

Conversions

Conversions Part 1

Format	Color
Hex	296B6B
RGB	41, 107, 107
RGB Percent	16%, 42%, 42%
CMY	0.8392, 0.5804, 0.5804
CMYK	0.62, 0.00, 0.00, 0.58
HSL	180°, 45%, 29%
HSV	180°, 62%, 42%
XYZ	8.8260, 12.0483, 15.7703
YIQ	87.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

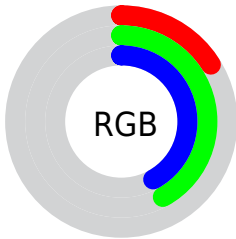
Format	Color
RYB	41, 74, 107
Decimal	2714475
CIELab	41.29, -20.53, -6.25
CIELCh	41, 21.464, 196.933
Yxy	12.0483, 0.2409, 0.3288
Android (android.graphics.Color)	4280904555 (0xFF296B6B)
YUV	87.2660, 9.7289, -40.5753
Hunter-Lab	34.7107, -15.3561, -2.6400




Details

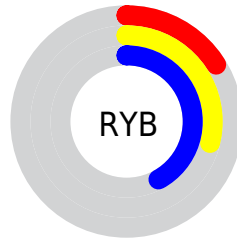
The Hex color **296B6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B2929**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **5F9F9E**, and **003B3C** is the 20% darker color. If you saturate the color by 10%, you get **1E6B6B**, and if you desaturate by 10%, it is **346B6B**.

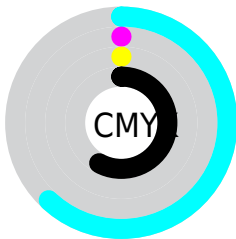
Distribution







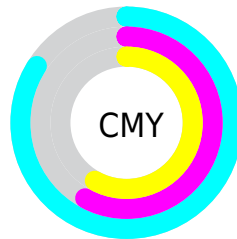
-  Red (16%)
-  Green (42%)
-  Blue (42%)






-  Red (16%)
-  Yellow (29%)
-  Blue (42%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 296B6B 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 296B6B by changing the saturation by 10% instead.



296B6B



296B6B

FFFFFF



065353



5F9F9E



003B3C



79BAB9



002526



95D6D5



000A12



B0F2F1



000000



CDFFFF



E9FFFF



296B6B



296B6B



1E6B6B



346B6B

■ 146B6B

■ 3E6B6B

■ 096B6B

■ 496B6B

■ 006B6B

■ 546B6B

■ 5F6B6B

■ 696B6B

■ 746B6B

■ 7F6B6B

■ 896B6B

Harmonies

Analogous

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



3B6B59



296B6B



29697B

Triad

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



296B6B



70597A



745E3F

Complementary

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



296B6B



6B2929

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.



805848



296B6B



7F556A

Square

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



296B6B



596083



845458



63633F

Rectangle

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



296B6B



366781



845458



795C41

Sweetspot

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



296B6B



728C8C



296B29



374747



C7C7C7



474747

Same Dimension

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



296B6B



248C8C



294A6B



303636



007575



00F5F5

Inverse Universe

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



6B296B



8C248C



6B4A29



363036



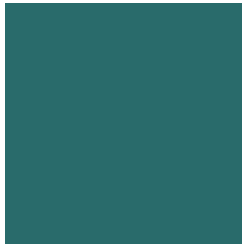
750075



F500F5

Previews

White Background



This preview shows how the Hex color 296B6B looks on a white background.

Color Contrast Check

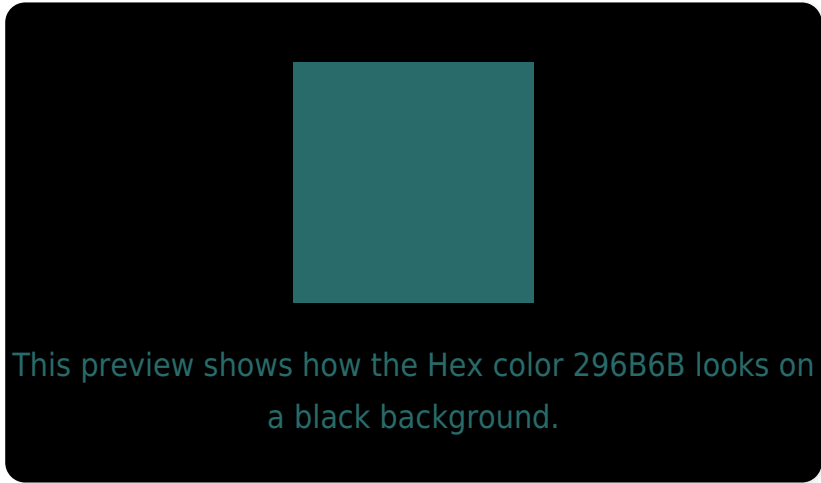
Large Text (above 18pt) WCAG AA ✓ Pass

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 296B6B Background



This preview shows how black text looks on a background with the Hex color 296B6B.

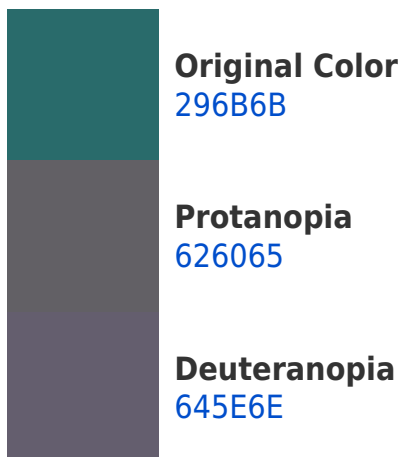


This preview shows how white text looks on a background with the Hex color 296B6B.

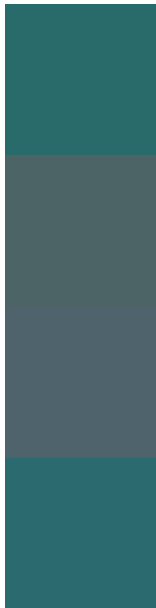
Color Blindness Simulation

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
296B6B

Protanomaly
4D6467

Deuteranomaly
4F636D

Tritanomaly
2B6A6F

Monochromacy



Original Color
296B6B

Achromatopsia
575757

Achromatomaly
465E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 296B6B 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 #296B6B looks like.

```
.text, #text, p{  
    color:#296B6B  
}
```

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 #296B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296B6B
}
```

Border

The CSS property to change the border of an element to Hex 296B6B 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
#296B6B }
```

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

```
.border{ border-color:#296B6B }
```

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

Here you see how a box with a 4 pixel #296B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296B6B; -webkit-box-shadow:4px 4px  
4px 4px #296B6B; box-shadow:4px 4px 4px  
4px #296B6B }
```

Background

The CSS property to change the background color of an element to Hex 296B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296B6B }
```

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

```
.background{ background-color:#296B6B }
```

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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