

Converting Colors

Hex(296A72)

Have a look what the booklet for
Hex(296A72) contains.

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Color

Hex(296A72)

Conversions

Conversions Part 1

Format	Color
Hex	296A72
RGB	41, 106, 114
RGB Percent	16%, 42%, 45%
CMY	0.8392, 0.5843, 0.5529
CMYK	0.64, 0.07, 0.00, 0.55
HSL	187°, 47%, 30%
HSV	187°, 64%, 45%
XYZ	9.1057, 11.9944, 17.7548
YIQ	87.4770, -41.3080, -11.2920

Conversions

Conversions Part 2

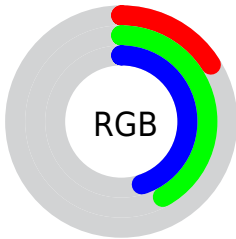
Format	Color
RYB	41, 75, 114
Decimal	2714226
CIELab	41.21, -17.80, -10.63
CIElCh	41, 20.731, 210.855
Yxy	11.9944, 0.2344, 0.3087
Android (android.graphics.Color)	4280904306 (0xFF296A72)
YUV	87.4770, 13.0758, -40.7603
Hunter-Lab	34.6329, -13.6761, -6.1524




Details

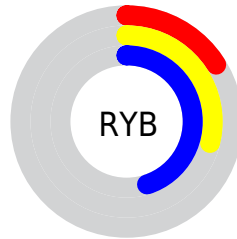
The Hex color **296A72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **723129**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **5F9EA6**, and **003A42** is the 20% darker color. If you saturate the color by 10%, you get **1E6972**, and if you desaturate by 10%, it is **346B72**.

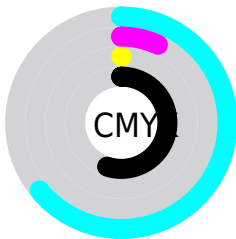
Distribution







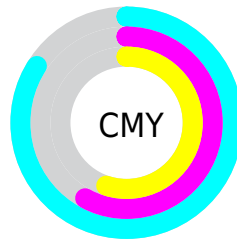
-  Red (16%)
-  Green (42%)
-  Blue (45%)






-  Red (16%)
-  Yellow (29%)
-  Blue (45%)



-  Cyan (64%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (84%)
-  Magenta (58%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296A72 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 296A72 by changing the saturation by 10% instead.

 296A72

 296A72

FFFFFF

 04525A

 5F9EA6

 003A42

 7AB9C1

 00242C

 95D4DD

 000918

 B1F1F9

 000000

 CEFFFF

 EAFFFF

 296A72

 296A72

 1E6972

 346B72

■ 126872

■ 406C72

■ 076672

■ 4B6E72

■ 006672

■ 576F72

■ 627072

■ 6D7172

■ 797372

■ 847472

■ 907572

Harmonies

Analogous

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



346B61



296A72



33677E

Triad

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



296A72



775772



6D603F

Complementary

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



296A72



723129

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.



7B5A44



296A72



825461

Square

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



296A72



645D7E



825651



5B6544

Rectangle

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



296A72



436482



825651



725E40

Sweetspot

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



296A72



789194



297230



39484A



C9C9C9



4A4A4A

Same Dimension

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



296A72



228794



294672



323738



006B78



00DCF7

Inverse Universe

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



72296A



942287



725529



383237



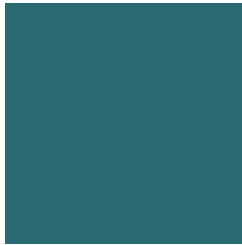
78006B



F700DC

Previews

White Background



This preview shows how the Hex color 296A72 looks on a white background.

Color Contrast Check

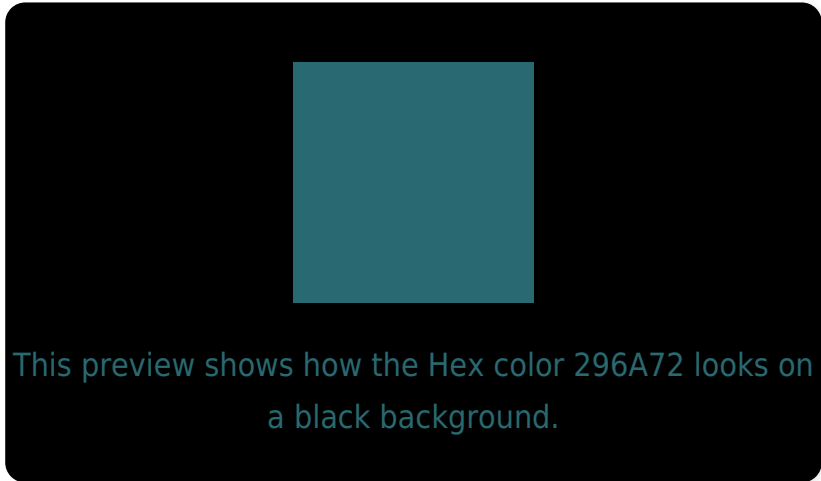
Large Text (above 18pt) WCAG AA ✓ Pass

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

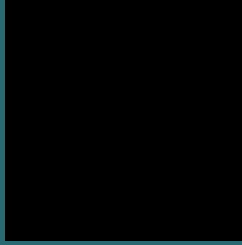
Any Text WCAG AA × Fail

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 296A72 Background



This preview shows how black text looks on a background with the Hex color 296A72.



This preview shows how white text looks on a background with the Hex color 296A72.

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



Original Color
296A72

Protanopia
5F606C

Deuteranopia
605F75



Tritanopia
296A73

Trichromacy



Original Color
296A72

Protanomaly
4B646E

Deuteranomaly
4C6374

Tritanomaly
296A73

Monochromacy



Original Color
296A72

Achromatopsia
575757

Achromatomaly
465E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 296A72 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 #296A72 looks like.

```
.text, #text, p{  
    color:#296A72  
}
```

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 #296A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296A72
}
```

Border

The CSS property to change the border of an element to Hex 296A72 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
#296A72 }
```

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

```
.border{ border-color:#296A72 }
```

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

Here you see how a box with a 4 pixel #296A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296A72; -webkit-box-shadow:4px 4px  
4px 4px #296A72; box-shadow:4px 4px 4px  
4px #296A72 }
```

Background

The CSS property to change the background color of an element to Hex 296A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296A72 }
```

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

```
.background{ background-color:#296A72 }
```

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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