

Converting Colors

Hex(296973)

Have a look what the booklet for
Hex(296973) contains.

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Color

Hex(296973)

Conversions

Conversions Part 1

Format	Color
Hex	296973
RGB	41, 105, 115
RGB Percent	16%, 41%, 45%
CMY	0.8392, 0.5882, 0.5490
CMYK	0.64, 0.09, 0.00, 0.55
HSL	188°, 47%, 31%
HSV	188°, 64%, 45%
XYZ	9.0605, 11.8124, 18.0221
YIQ	87.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

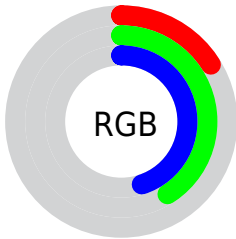
Format	Color
RYB	41, 75, 115
Decimal	2713971
CIELab	40.92, -16.92, -11.68
CIElCh	41, 20.562, 214.612
Yxy	11.8124, 0.2329, 0.3037
Android (android.graphics.Color)	4280904051 (0xFF296973)
YUV	87.0040, 13.8020, -40.3455
Hunter-Lab	34.3691, -13.0890, -7.0315




Details

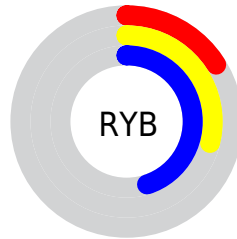
The Hex color **296973** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733329**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **5F9CA7**, and **003A43** is the 20% darker color. If you saturate the color by 10%, you get **1E6773**, and if you desaturate by 10%, it is **356B73**.

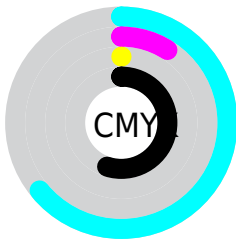
Distribution







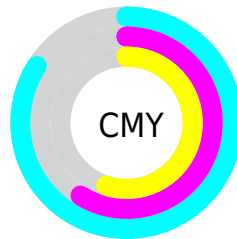
-  Red (16%)
-  Green (41%)
-  Blue (45%)






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



-  Cyan (64%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (84%)
-  Magenta (59%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296973 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 296973 by changing the saturation by 10% instead.

■ 296973

■ 296973

FFFFFF

■ 04515A

■ 5F9CA7

■ 003A43

■ 7AB7C2

■ 00242D

■ 95D3DE

■ 000819

■ B1E9FB

■ 000000

■ CEFFFF

■ EBFFFF

■ 296973

■ 296973

■ 1E6773

■ 356B73

■ 126673

■ 406C73

■ 076473

■ 4C6E73

■ 006373

■ 576F73

■ 637173

■ 6E7273

■ 7A7473

■ 857573

■ 917773

Harmonies

Analogous

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



316A63



296973



36667E

Triad

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



296973



78566F



6A603F

Complementary

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



296973



733329

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.



785B42



296973



81545E

Square

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



296973



665B7C



81564E



576544

Rectangle

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



296973



466382



81564E



6F5E3F

Sweetspot

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



296973



7A9396



297333



3B4A4D



CCCCCC



4D4D4D

Same Dimension

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



296973



238796



294473



353A3B



006A7A



00D8FA

Inverse Universe

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



732969



962387



735829



3B353A



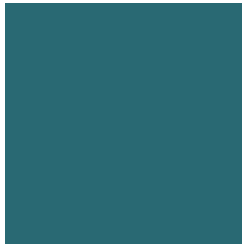
7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 296973 looks on a white background.

Color Contrast Check

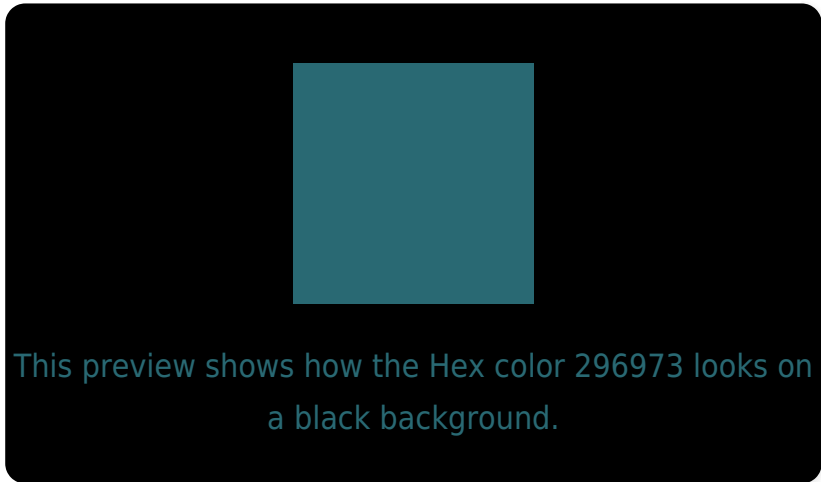
Large Text (above 18pt) WCAG AA ✓ Pass

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

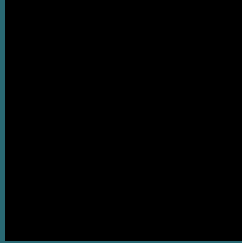
Any Text WCAG AA × Fail

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 296973 Background



This preview shows how black text looks on a background with the Hex color 296973.

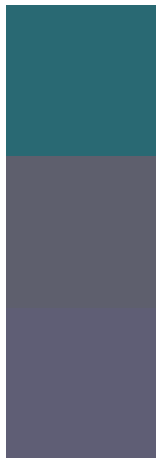


This preview shows how white text looks on a background with the Hex color 296973.

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
296973

Protanopia
5E5F6D

Deuteranopia
5F5E75



Tritanopia
286972

Trichromacy



Original Color
296973

Protanomaly
4B636F

Deuteranomaly
4B6274

Tritanomaly
286972

Monochromacy



Original Color
296973

Achromatopsia
575757

Achromatomaly
465E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 296973 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 #296973 looks like.

```
.text, #text, p{  
    color:#296973  
}
```

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 #296973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296973
}
```

Border

The CSS property to change the border of an element to Hex 296973 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".

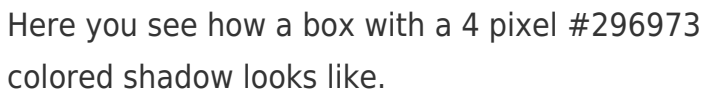
```
.border, #border, table{ border:4px solid
#296973 }
```

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

```
.border{ border-color:#296973 }
```

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

Here you see how a box with a 4 pixel #296973 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296973; -webkit-box-shadow:4px 4px  
4px 4px #296973; box-shadow:4px 4px 4px  
4px #296973 }
```

Background

The CSS property to change the background color of an element to Hex 296973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296973 }
```

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

```
.background{ background-color:#296973 }
```

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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