

Converting Colors

Hex(296666)

Have a look what the booklet for
Hex(296666) contains.

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Color

Hex(296666)

Conversions

Conversions Part 1

Format	Color
Hex	296666
RGB	41, 102, 102
RGB Percent	16%, 40%, 40%
CMY	0.8392, 0.6000, 0.6000
CMYK	0.60, 0.00, 0.00, 0.60
HSL	180°, 43%, 28%
HSV	180°, 60%, 40%
XYZ	8.0641, 10.9335, 14.2557
YIQ	83.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

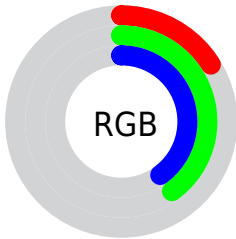
Format	Color
RYB	41, 72, 102
Decimal	2713190
CIELab	39.47, -19.38, -5.92
CIELCh	39, 20.265, 196.989
Yxy	10.9335, 0.2425, 0.3288
Android (android.graphics.Color)	4280903270 (0xFF296666)
YUV	83.7610, 8.9918, -37.5014
Hunter-Lab	33.0658, -14.3325, -2.4158




Details

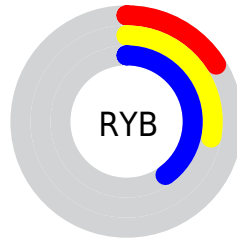
The Hex color **296666** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662929**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **5E9999**, and **003737** is the 20% darker color. If you saturate the color by 10%, you get **1F6666**, and if you desaturate by 10%, it is **336666**.

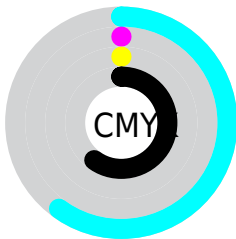
Distribution







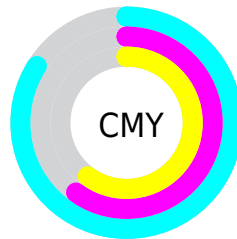
-  Red (16%)
-  Green (40%)
-  Blue (40%)






-  Red (16%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 296666 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 296666 by changing the saturation by 10% instead.

■ 296666

■ 296666

FFFFFF

■ 084E4E

■ 5E9999

■ 003737

■ 78B4B4

■ 002122

■ 93D0CF

■ 00000C

■ AFECEB

■ 000000

■ CBFFFF

■ E8FFFF

■ 296666

■ 296666

■ 1F6666

■ 336666

■ 156666

■ 3D6666

■ 0A6666

■ 486666

■ 006666

■ 526666

■ 5C6666

■ 666666

■ 706666

■ 7B6666

■ 856666

Harmonies

Analogous

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



396655



296666



296475

Triad

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



296666



6B5574



6F593D

Complementary

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



296666



662929

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.



7A5446



296666



795165

Square

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



296666



555B7C



7E5154



5F5F3D

Rectangle

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



296666



35627B



7E5154



73583F

Sweetspot

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



296666



6D8585



296629



344242



C2C2C2



424242

Same Dimension

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



296666



258585



294866



2E3333



007373



00F2F2

Inverse Universe

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



662966



852585



664829



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 296666 looks on a white background.

Color Contrast Check

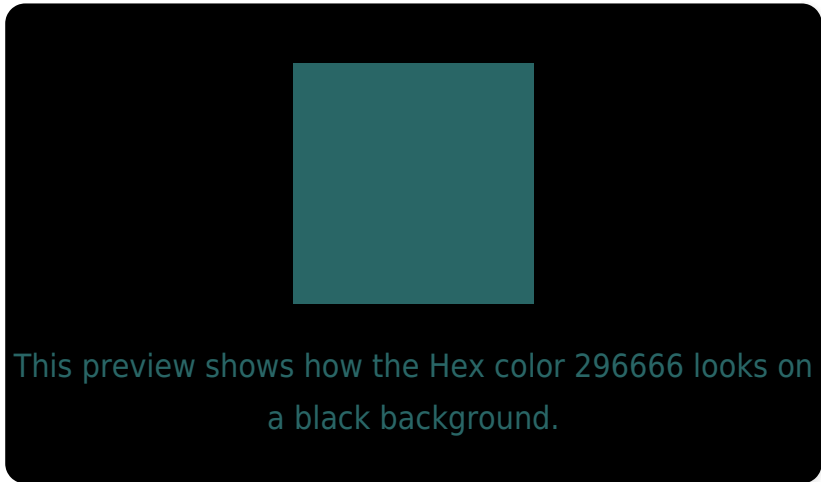
Large Text (above 18pt) WCAG AA ✓ Pass

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

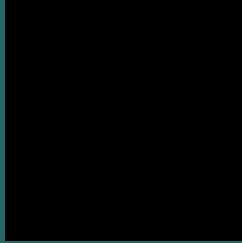
Any Text WCAG AA × Fail

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 296666 Background



This preview shows how black text looks on a background with the Hex color 296666.

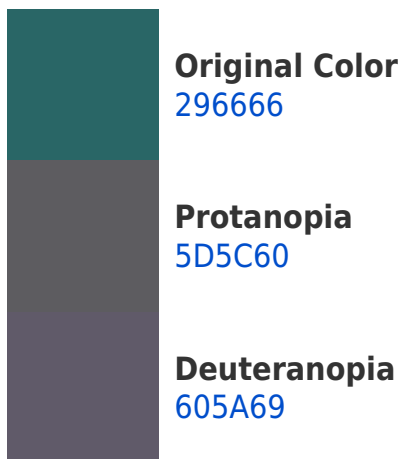



This preview shows how white text looks on a background with the Hex color 296666.

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](#).

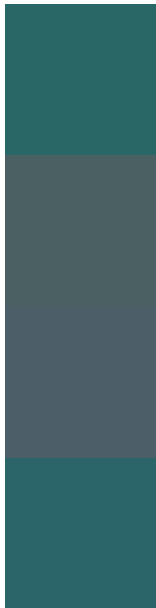
Dichromacy





Tritanopia
2C656D

Trichromacy



Original Color
296666

Protanomaly
4A6062

Deuteranomaly
4C5E68

Tritanomaly
2B656A

Monochromacy



Original Color
296666

Achromatopsia
545454

Achromatomaly
445B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 296666 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 #296666 looks like.

```
.text, #text, p{  
    color:#296666  
}
```

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 #296666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296666
}
```

Border

The CSS property to change the border of an element to Hex 296666 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
#296666 }
```

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

```
.border{ border-color:#296666 }
```

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

Here you see how a box with a 4 pixel #296666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296666; -webkit-box-shadow:4px 4px  
4px 4px #296666; box-shadow:4px 4px 4px  
4px #296666 }
```

Background

The CSS property to change the background color of an element to Hex 296666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296666 }
```

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

```
.background{ background-color:#296666 }
```

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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