

Converting Colors

Hex(296868)

Have a look what the booklet for
Hex(296868) contains.

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Color

Hex(296868)

Conversions

Conversions Part 1

Format	Color
Hex	296868
RGB	41, 104, 104
RGB Percent	16%, 41%, 41%
CMY	0.8392, 0.5922, 0.5922
CMYK	0.61, 0.00, 0.00, 0.59
HSL	180°, 43%, 28%
HSV	180°, 61%, 41%
XYZ	8.3635, 11.3715, 14.8508
YIQ	85.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

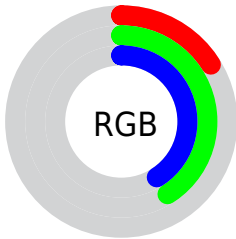
Format	Color
RYB	41, 73, 104
Decimal	2713704
CIELab	40.20, -19.85, -6.05
CIElCh	40, 20.749, 196.966
Yxy	11.3715, 0.2418, 0.3288
Android (android.graphics.Color)	4280903784 (0xFF296868)
YUV	85.1630, 9.2866, -38.7310
Hunter-Lab	33.7217, -14.7424, -2.5058

Details

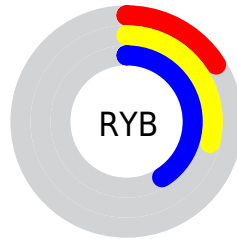
The Hex color **296868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **682929**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5E9B9B**, and **003839** is the 20% darker color. If you saturate the color by 10%, you get **1F6868**, and if you desaturate by 10%, it is **336868**.

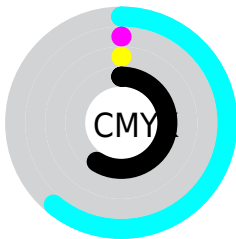
Distribution



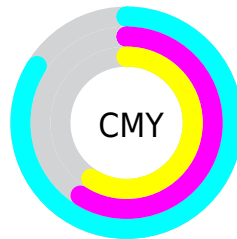
- Red (16%)
- Green (41%)
- Blue (41%)



- Red (16%)
- Yellow (29%)
- Blue (41%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 296868 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 296868 by changing the saturation by 10% instead.



296868



296868

FFFFFF



075050



5E9B9B



003839



79B6B6



002324



94D2D1



00020F



AFEEEE



000000



CCFFFF



E8FFFF



296868



296868



1F6868



336868

■ 146868

■ 3E6868

■ 0A6868

■ 486868

■ 006868

■ 536868

■ 5D6868

■ 676868

■ 726868

■ 7C6868

■ 876868

Harmonies

Analogous

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



3A6857



296868



296677

Triad

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



296868



6D5776



715B3E

Complementary

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



296868



682929

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.



7D5647



296868



7B5367

Square

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



296868



575D7F



815256



61613E

Rectangle

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



296868



35647D



815256



765940

Sweetspot

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



296868



6F8787



296829



364545



C4C4C4



454545

Same Dimension

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



296868



248787



294968



2E3333



007373



00F2F2

Inverse Universe

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



682968



872487



684929



332E33



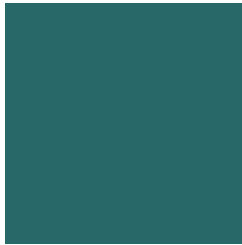
730073



F200F2

Previews

White Background



This preview shows how the Hex color 296868 looks on a white background.

Color Contrast Check

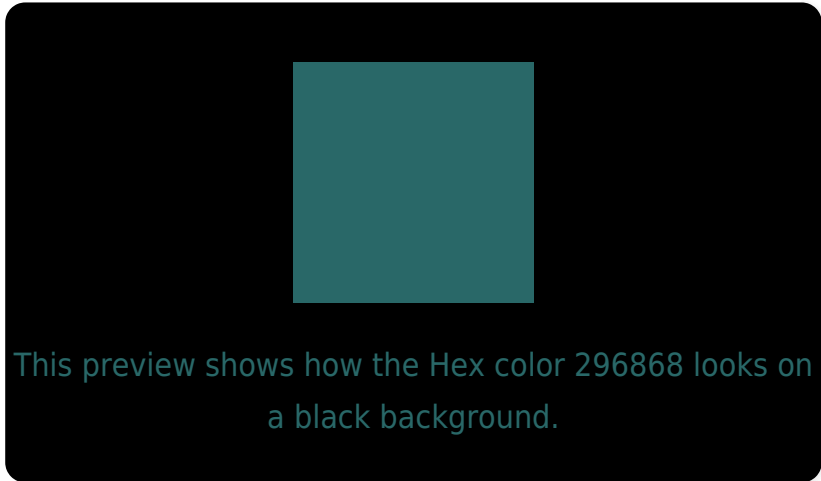
Large Text (above 18pt) WCAG AA ✓ Pass

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

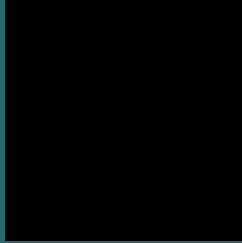
Any Text WCAG AA × Fail

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 296868 Background



This preview shows how black text looks on a background with the Hex color 296868.

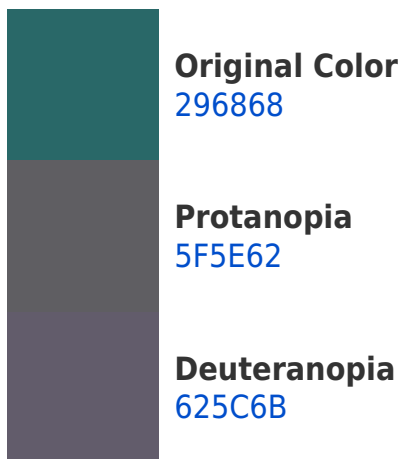


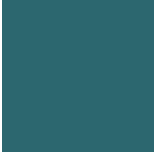
This preview shows how white text looks on a background with the Hex color 296868.

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](#).

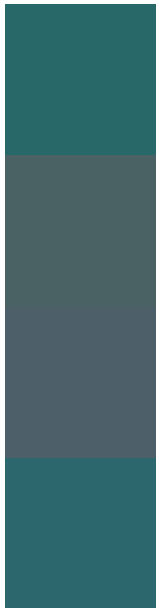
Dichromacy





Tritanopia
2C676F

Trichromacy



Original Color
296868

Protanomaly
4B6264

Deuteranomaly
4D606A

Tritanomaly
2B676C

Monochromacy



Original Color
296868

Achromatopsia
555555

Achromatomaly
455C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 296868 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 #296868 looks like.

```
.text, #text, p{  
    color:#296868  
}
```

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 #296868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296868
}
```

Border

The CSS property to change the border of an element to Hex 296868 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
#296868 }
```

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

```
.border{ border-color:#296868 }
```

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

Here you see how a box with a 4 pixel #296868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296868; -webkit-box-shadow:4px 4px  
4px 4px #296868; box-shadow:4px 4px 4px  
4px #296868 }
```

Background

The CSS property to change the background color of an element to Hex 296868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296868 }
```

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

```
.background{ background-color:#296868 }
```

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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