

Converting Colors

Hex(296983)

Have a look what the booklet for
Hex(296983) contains.

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Color

Hex(296983)

Conversions

Conversions Part 1

Format	Color
Hex	296983
RGB	41, 105, 131
RGB Percent	16%, 41%, 51%
CMY	0.8392, 0.5882, 0.4863
CMYK	0.69, 0.20, 0.00, 0.49
HSL	197°, 52%, 34%
HSV	197°, 69%, 51%
XYZ	10.0628, 12.2133, 23.2998
YIQ	88.8280, -46.4900, -5.4820

Conversions

Conversions Part 2

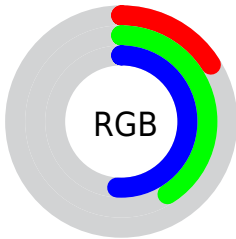
Format	Color
RYB	41, 78, 131
Decimal	2713987
CIELab	41.55, -11.54, -20.40
CIELCh	42, 23.434, 240.504
Yxy	12.2133, 0.2208, 0.2680
Android (android.graphics.Color)	4280904067 (0xFF296983)
YUV	88.8280, 20.7908, -41.9452
Hunter-Lab	34.9475, -9.7609, -15.0659

Details

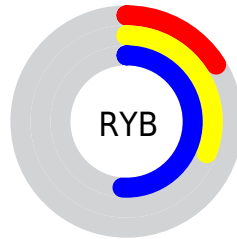
The Hex color **296983** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **834329**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **619CB8**, and **003A51** is the 20% darker color. If you saturate the color by 10%, you get **1C6583**, and if you desaturate by 10%, it is **366D83**.

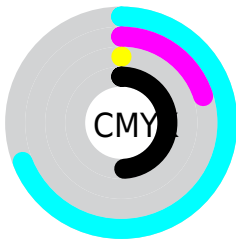
Distribution



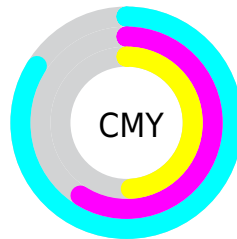
- Red (16%)
- Green (41%)
- Blue (51%)



- Red (16%)
- Yellow (31%)
- Blue (51%)



- Cyan (69%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (84%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296983 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 296983 by changing the saturation by 10% instead.

■ 296983

■ 296983

FFFFFF

■ 00516A

■ 619CB8

■ 003A51

■ 7DB7D4

■ 00243A

■ 98D3F0

■ 000D25

■ B4EFFF

■ 00010E

■ D1FFFF

■ 000000

■ EEEFFF

■ 296983

■ 296983

■ 1C6583

■ 366D83

0F6183

437183

025E83

507483

005D83

5D7883

6A7C83

788083

858383

928783

9F8B83

Harmonies

Analogous

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



1B6C75



296983



486488

Triad

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



296983



865362



5A6740

Complementary

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



296983



834329

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.



6F613B



296983



87554F

Square

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



296983



7B5775



7E5A41



446B4E

Rectangle

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



296983



5C5F86



7E5A41



62653D

Sweetspot

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



296983



87A0AB



298342



415057



D6D6D6



575757

Same Dimension

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



296983



1F82AB



293D83



3C4042



005C82



000203

Inverse Universe

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



832969



AB1F82



837029



423C40



82005C



030002

Previews

White Background



This preview shows how the Hex color 296983 looks on a white background.

Color Contrast Check

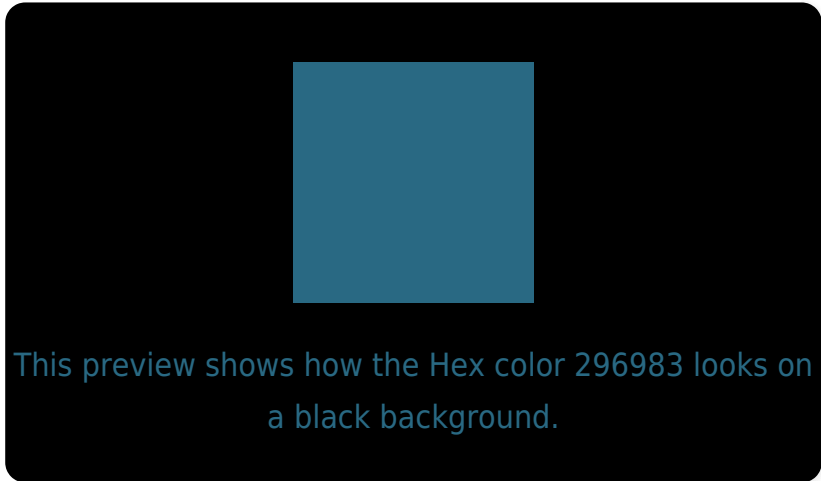
Large Text (above 18pt) WCAG AA ✓ Pass

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

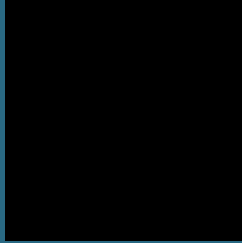
Any Text WCAG AA × Fail

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 296983 Background



This preview shows how black text looks on a background with the Hex color 296983.

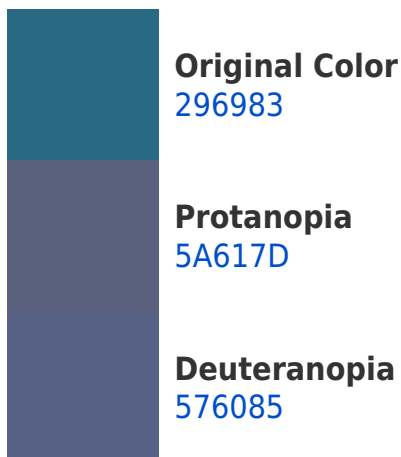



This preview shows how white text looks on a background with the Hex color 296983.

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](#).

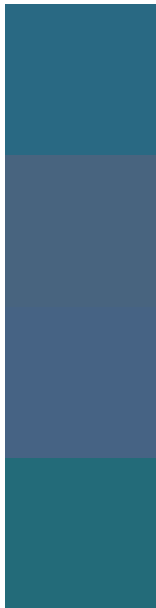
Dichromacy





Tritanopia
206C74

Trichromacy



Original Color
296983

Protanomaly
48647F

Deuteranomaly
466384

Tritanomaly
236B79

Monochromacy



Original Color
296983

Achromatopsia
595959

Achromatomaly
485F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 296983 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 #296983 looks like.

```
.text, #text, p{  
    color:#296983  
}
```

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 #296983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296983
}
```

Border

The CSS property to change the border of an element to Hex 296983 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
#296983 }
```

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

```
.border{ border-color:#296983 }
```

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

Here you see how a box with a 4 pixel #296983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296983; -webkit-box-shadow:4px 4px  
4px 4px #296983; box-shadow:4px 4px 4px  
4px #296983 }
```

Background

The CSS property to change the background color of an element to Hex 296983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296983 }
```

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

```
.background{ background-color:#296983 }
```

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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