

Converting Colors

Hex(296D8F)

Have a look what the booklet for
Hex(296D8F) contains.

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Color

Hex(296D8F)

Conversions

Conversions Part 1

Format	Color
Hex	296D8F
RGB	41, 109, 143
RGB Percent	16%, 43%, 56%
CMY	0.8392, 0.5725, 0.4392
CMYK	0.71, 0.24, 0.00, 0.44
HSL	200°, 55%, 36%
HSV	200°, 71%, 56%
XYZ	11.3410, 13.3919, 27.9738
YIQ	92.5440, -51.4420, -3.8420

Conversions

Conversions Part 2

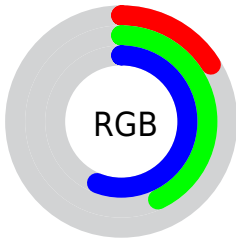
Format	Color
R _Y B	41, 82, 143
Decimal	2715023
CIE Lab	43.35, -9.66, -24.82
CIE LCh	43, 26.631, 248.743
Yxy	13.3919, 0.2152, 0.2541
Android (android.graphics.Color)	4280905103 (0xFF296D8F)
YUV	92.5440, 24.8748, -45.2041
Hunter-Lab	36.5949, -8.7227, -19.7058

Details

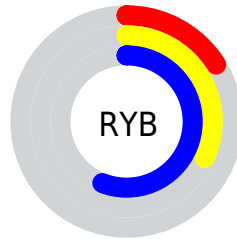
The Hex color **296D8F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F4B29**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64A0C5**, and **003E5C** is the 20% darker color. If you saturate the color by 10%, you get **1B688F**, and if you desaturate by 10%, it is **37728F**.

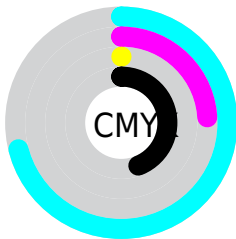
Distribution



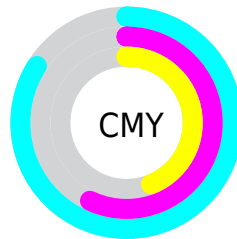
- Red (16%)
- Green (43%)
- Blue (56%)



- Red (16%)
- Yellow (32%)
- Blue (56%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296D8F 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 296D8F by changing the saturation by 10% instead.

■ 296D8F

■ 296D8F

FFFFFF

■ 005575

■ 64A0C5

■ 003E5C

■ 7FBBE1

■ 002845

■ 9BD7FE

■ 00142E

■ B8F4FF

■ 000119

■ D5FFFF

■ 000000

■ F2FFFF

■ 296D8F

■ 296D8F

■ 1B688F

■ 37728F

0C638F

46778F

005F8F

547B8F

62808F

71858F

7F8A8F

8D8E8F

9B938F

AA988F

Harmonies

Analogous

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



007181



296D8F



516692

Triad

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



296D8F



915561



576D43

Complementary

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



296D8F



8F4B29

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.



6F673A



296D8F



8F594C

Square

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



296D8F



875777



82603E



3B7156

Rectangle

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



296D8F



68618D



82603E



5F6B3F

Sweetspot

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



296D8F



93ADBA



298F4B



47565E



DEDEDE



5E5E5E

Same Dimension

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



296D8F



1A85BA



293A8F



404547



005A87



000508

Inverse Universe

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



8F296D



BA1A85



8F7E29



474045



87005A



080005

Previews

White Background



This preview shows how the Hex color 296D8F looks on a white background.

Color Contrast Check

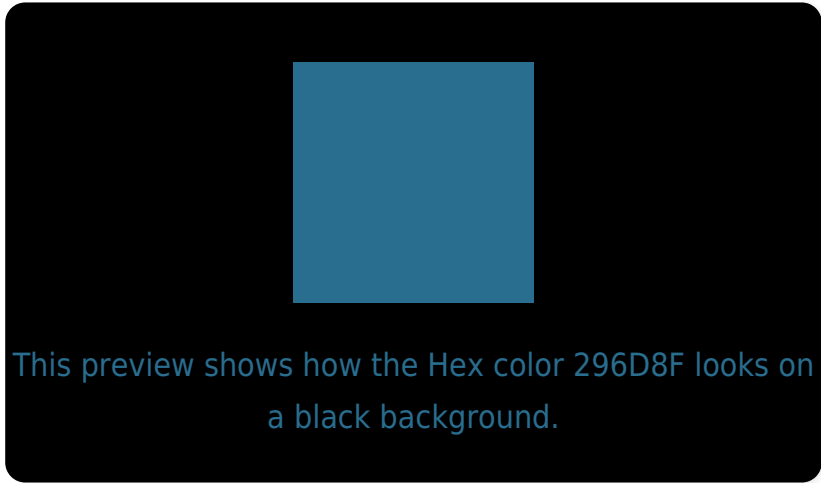
Large Text (above 18pt) WCAG AA ✓ Pass

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

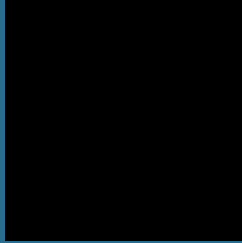
Any Text WCAG AA × Fail

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 296D8F Background



This preview shows how black text looks on a background with the Hex color 296D8F.

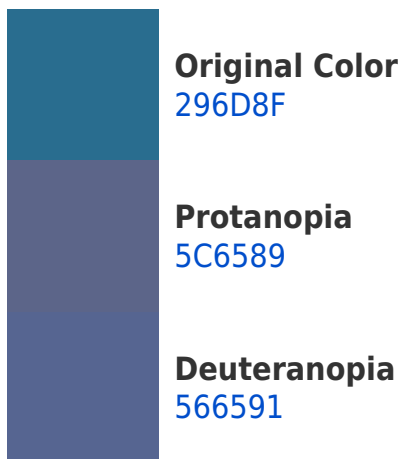


This preview shows how white text looks on a background with the Hex color 296D8F.

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](#).

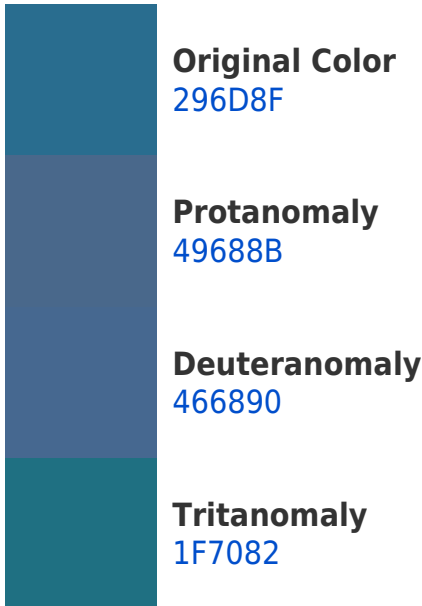
Dichromacy



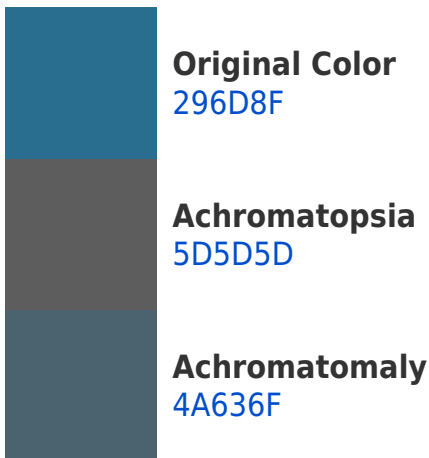


Tritanopia
19717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 296D8F 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 #296D8F looks like.

```
.text, #text, p{  
    color:#296D8F  
}
```

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 #296D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296D8F
}
```

Border

The CSS property to change the border of an element to Hex 296D8F 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
#296D8F }
```

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

```
.border{ border-color:#296D8F }
```

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

Here you see how a box with a 4 pixel #296D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296D8F; -webkit-box-shadow:4px 4px  
4px 4px #296D8F; box-shadow:4px 4px 4px  
4px #296D8F }
```

Background

The CSS property to change the background color of an element to Hex 296D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296D8F }
```

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

```
.background{ background-color:#296D8F }
```

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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