

Converting Colors

Hex(296F8A)

Have a look what the booklet for
Hex(296F8A) contains.

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Color

Hex(296F8A)

Conversions

Conversions Part 1

Format	Color
Hex	296F8A
RGB	41, 111, 138
RGB Percent	16%, 44%, 54%
CMY	0.8392, 0.5647, 0.4588
CMYK	0.70, 0.20, 0.00, 0.46
HSL	197°, 54%, 35%
HSV	197°, 70%, 54%
XYZ	11.1863, 13.6753, 26.0948
YIQ	93.1480, -50.3870, -6.4430

Conversions

Conversions Part 2

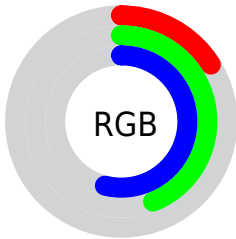
Format	Color
R_{YB}	41, 82, 138
Decimal	2715530
CIE _{Lab}	43.76, -12.57, -21.19
CIE _{LCh}	44, 24.638, 239.320
Yxy	13.6753, 0.2195, 0.2684
Android (android.graphics.Color)	4280905610 (0xFF296F8A)
YUV	93.1480, 22.1120, -45.7338
Hunter-Lab	36.9801, -10.7196, -15.9515

Details

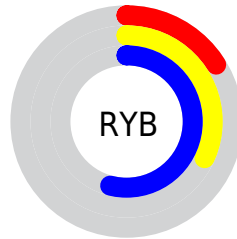
The Hex color **296F8A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A4429**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63A3C0**, and **003F58** is the 20% darker color. If you saturate the color by 10%, you get **1B6B8A**, and if you desaturate by 10%, it is **37738A**.

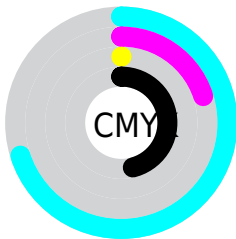
Distribution



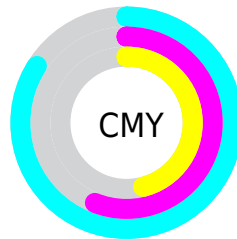
- Red (16%)
- Green (44%)
- Blue (54%)



- Red (16%)
- Yellow (32%)
- Blue (54%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296F8A 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 296F8A by changing the saturation by 10% instead.



296F8A



296F8A

FFFFFF



005770



63A3C0



003F58



7FBEDB



002940



9ADAF8



00162A



B7F6FF



000115



D4FFFF



000000



F1FFFF



296F8A



296F8A



1B6B8A



37738A

0D678A

45778A

00648A

527B8A

607E8A

6E828A

7C868A

8A8A8A

978E8A

A5928A

Harmonies

Analogous

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



1B727B



296F8A



4A6A90

Triad

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



296F8A



8E5869



606C43

Complementary

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



296F8A



8A4429

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.



76663E



296F8A



8F5954

Square

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



296F8A



815B7D



865F45



487052

Rectangle

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



296F8A



5F658E



865F45



686A40

Sweetspot

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



296F8A



8DA8B3



298A43



435359



D9D9D9



595959

Same Dimension

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



296F8A



1D89B3



29408A



3E4345



006085



000405

Inverse Universe

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



8A296F



B31D89



8A7329



453E43



850060



050004

Previews

White Background



This preview shows how the Hex color 296F8A looks on a white background.

Color Contrast Check

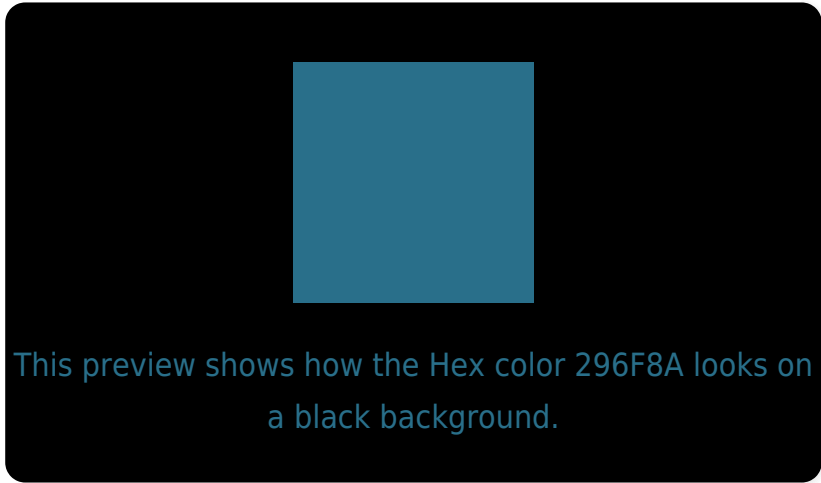
Large Text (above 18pt) WCAG AA ✓ Pass

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

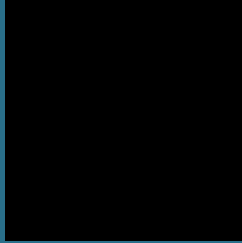
Any Text WCAG AA × Fail

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 296F8A Background



This preview shows how black text looks on a background with the Hex color 296F8A.

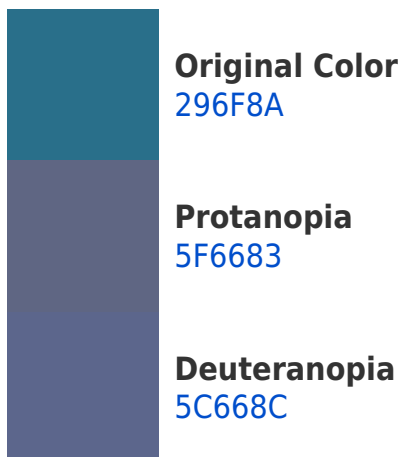


This preview shows how white text looks on a background with the Hex color 296F8A.

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](#).

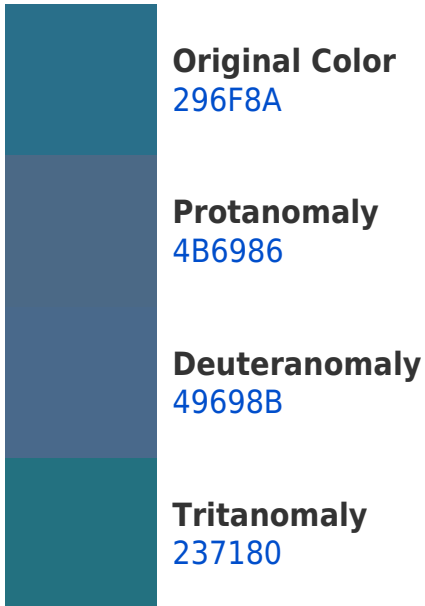
Dichromacy



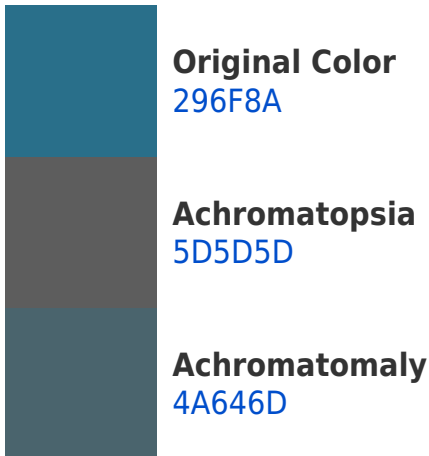


Tritanopia
1F727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 296F8A 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 #296F8A looks like.

```
.text, #text, p{  
    color:#296F8A  
}
```

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 #296F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296F8A
}
```

Border

The CSS property to change the border of an element to Hex 296F8A 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
#296F8A }
```

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

```
.border{ border-color:#296F8A }
```

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

Here you see how a box with a 4 pixel #296F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296F8A; -webkit-box-shadow:4px 4px  
4px 4px #296F8A; box-shadow:4px 4px 4px  
4px #296F8A }
```

Background

The CSS property to change the background color of an element to Hex 296F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296F8A }
```

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

```
.background{ background-color:#296F8A }
```

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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