

Converting Colors

Hex(276B80)

Have a look what the booklet for
Hex(276B80) contains.

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Color

Hex(276B80)

Conversions

Conversions Part 1

Format	Color
Hex	276B80
RGB	39, 107, 128
RGB Percent	15%, 42%, 50%
CMY	0.8471, 0.5804, 0.4980
CMYK	0.70, 0.16, 0.00, 0.50
HSL	194°, 53%, 33%
HSV	194°, 70%, 50%
XYZ	9.9907, 12.5052, 22.3093
YIQ	89.0620, -47.2690, -7.8850

Conversions

Conversions Part 2

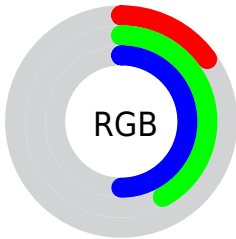
Format	Color
R_{YB}	39, 78, 128
Decimal	2583424
CIE _{Lab}	42.01, -14.07, -17.89
CIE _{LCh}	42, 22.759, 231.829
Yxy	12.5052, 0.2230, 0.2791
Android (android.graphics.Color)	4280773504 (0xFF276B80)
YUV	89.0620, 19.1964, -43.9044
Hunter-Lab	35.3627, -11.4550, -12.6503

Details

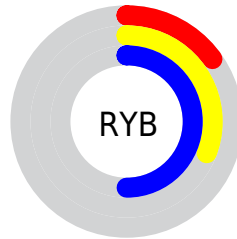
The Hex color **276B80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **803C27**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **609EB5**, and **003C4F** is the 20% darker color. If you saturate the color by 10%, you get **1A6880**, and if you desaturate by 10%, it is **346E80**.

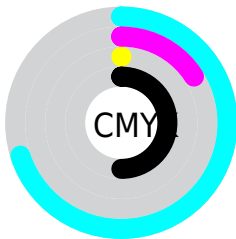
Distribution



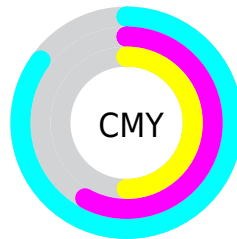
- Red (15%)
- Green (42%)
- Blue (50%)



- Red (15%)
- Yellow (31%)
- Blue (50%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276B80 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 276B80 by changing the saturation by 10% instead.

 276B80

 276B80

FFFFFF

 005367

 609EB5

 003C4F

 7BB9D0

 002638

 97D5ED

 000F23

 B3F2FF

 00000A

 CFFFFF

 000000

 EDFFFF

 276B80

 276B80

 1A6880

 346E80

0D6580

417180

016280

4D7480

006280

5A7780

677A80

747D80

818080

8D8380

9A8680

Harmonies

Analogous

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



236D70



276B80



416688

Triad

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



276B80



845569



626640

Complementary

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



276B80



803C27

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.



75603E



276B80



885656

Square

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



276B80



765A7A



825A46



4C6B4B

Rectangle

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



276B80



556288



825A46



69643E

Sweetspot

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



276B80



839EA6



27803C



3F4F54



D4D4D4



545454

Same Dimension

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



276B80



1C85A6



273F80



393E40



006180



000000

Inverse Universe

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



80276B



A61C85



806827



40393E



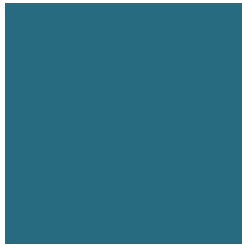
800061



000000

Previews

White Background



This preview shows how the Hex color 276B80 looks on a white background.

Color Contrast Check

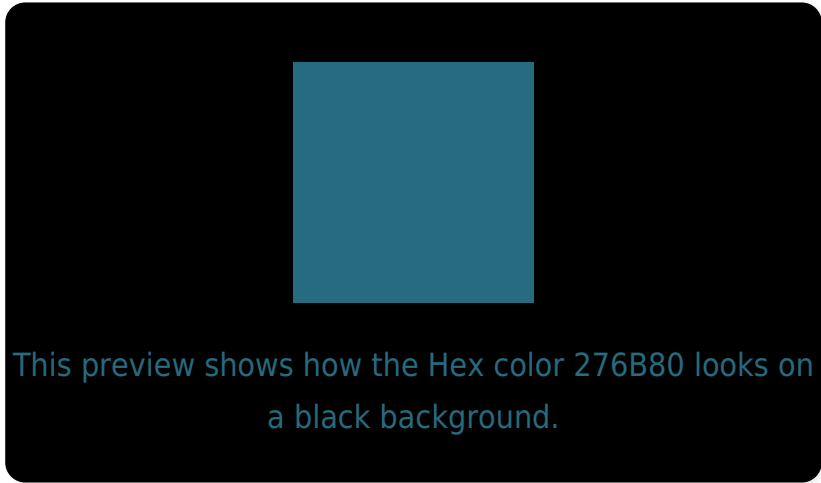
Large Text (above 18pt) WCAG AA ✓ Pass

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

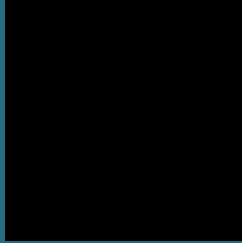
Any Text WCAG AA × Fail

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 276B80 Background



This preview shows how black text looks on a background with the Hex color 276B80.

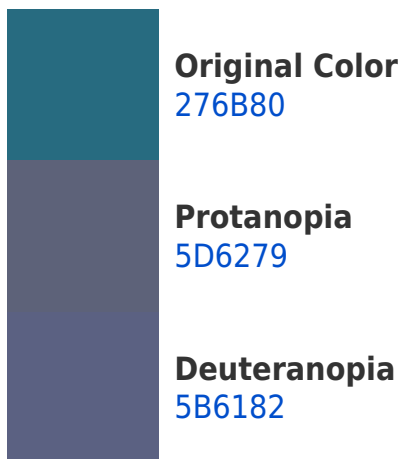


This preview shows how white text looks on a background with the Hex color 276B80.

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](#).

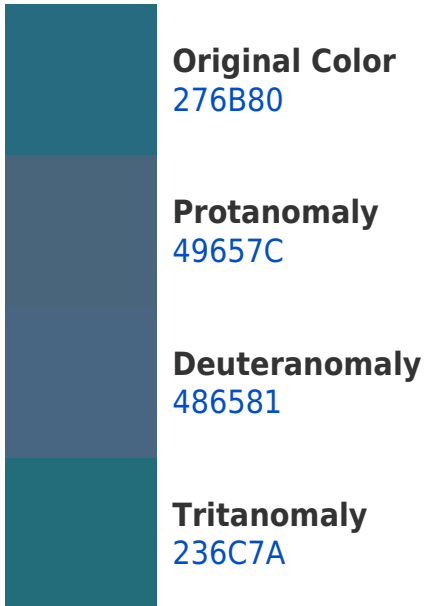
Dichromacy





Tritanopia
206D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 276B80 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 #276B80 looks like.

```
.text, #text, p{  
    color:#276B80  
}
```

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 #276B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276B80
}
```

Border

The CSS property to change the border of an element to Hex 276B80 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
#276B80 }
```

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

```
.border{ border-color:#276B80 }
```

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

Here you see how a box with a 4 pixel #276B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276B80; -webkit-box-shadow:4px 4px  
4px 4px #276B80; box-shadow:4px 4px 4px  
4px #276B80 }
```

Background

The CSS property to change the background color of an element to Hex 276B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276B80 }
```

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

```
.background{ background-color:#276B80 }
```

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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