

Converting Colors

Hex(276E68)

Have a look what the booklet for
Hex(276E68) contains.

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Color

Hex(276E68)

Conversions

Conversions Part 1

Format	Color
Hex	276E68
RGB	39, 110, 104
RGB Percent	15%, 43%, 41%
CMY	0.8471, 0.5686, 0.5922
CMYK	0.65, 0.00, 0.05, 0.57
HSL	175°, 48%, 29%
HSV	175°, 65%, 43%
XYZ	8.9113, 12.5827, 15.0557
YIQ	88.0870, -40.3900, -16.9180

Conversions

Conversions Part 2

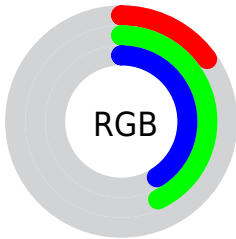
Format	Color
RYB	39, 76, 110
Decimal	2584168
CIELab	42.13, -23.40, -3.20
CIELCh	42, 23.622, 187.789
Yxy	12.5827, 0.2438, 0.3443
Android (android.graphics.Color)	4280774248 (0xFF276E68)
YUV	88.0870, 7.8451, -43.0493
Hunter-Lab	35.4721, -17.2332, -0.3345

Details

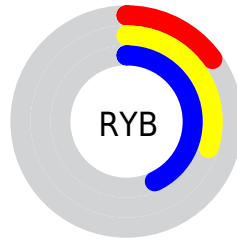
The Hex color **276E68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E272D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5DA29B**, and **003E39** is the 20% darker color. If you saturate the color by 10%, you get **1C6E67**, and if you desaturate by 10%, it is **326E69**.

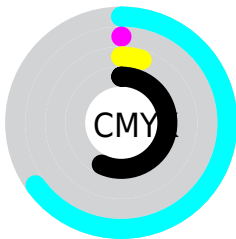
Distribution



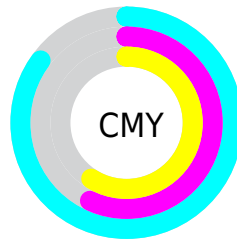
- Red (15%)
- Green (43%)
- Blue (41%)



- Red (15%)
- Yellow (30%)
- Blue (43%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276E68 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 276E68 by changing the saturation by 10% instead.

 276E68

 276E68

FFFFFF

 015550


 5DA29B

 003E39

 78BDB6

 002724

 93D9D1

 000F0F

 AFF6EE

 000000

 CBFFFF

 E8FFFF

 276E68

 276E68

 1C6E67

 326E69

■ 116E66

■ 3D6E6A

■ 066E65

■ 486E6B

■ 006E65

■ 536E6C

■ 5E6E6D

■ 696E6E

■ 746E6F

■ 7F6E6F

■ 8A6E70

Harmonies

Analogous

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



3F6D54



276E68



1C6D7B

Triad

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



276E68



6C5D82



7D5D40

Complementary

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



276E68



6E272D

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.



88574D



276E68



805773

Square

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



276E68



50648A



89545F



6C643D

Rectangle

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



276E68



276B84



89545F



815B43

Sweetspot

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



276E68



748F8D



2E6E27



374746



C7C7C7



474747

Same Dimension

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



276E68



218F86



27526E



323838



00786E



00F7E2

Inverse Universe

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



6E272D



8F212A



6E4327



383233



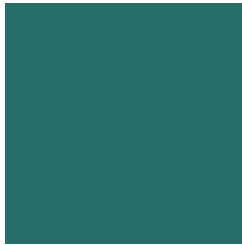
78000A



F70015

Previews

White Background



This preview shows how the Hex color 276E68 looks on a white background.

Color Contrast Check

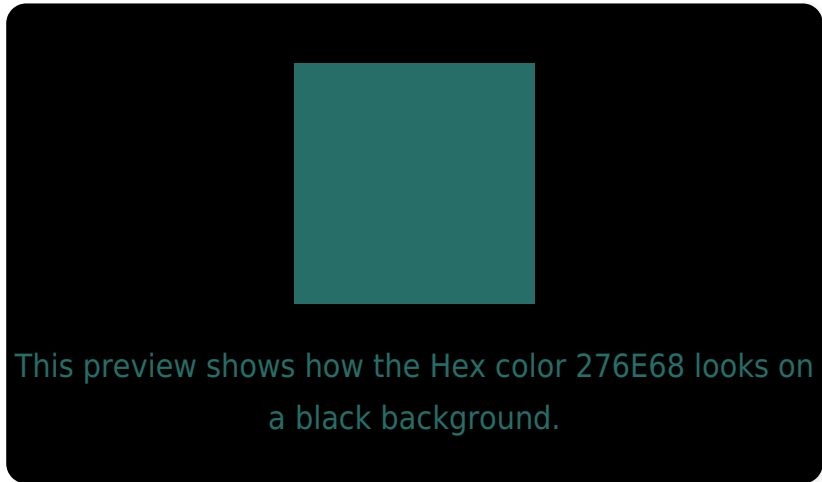
Large Text (above 18pt) WCAG AA ✓ Pass

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

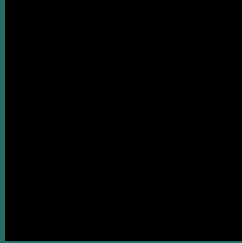
Any Text WCAG AA × Fail

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 276E68 Background



This preview shows how black text looks on a background with the Hex color 276E68.

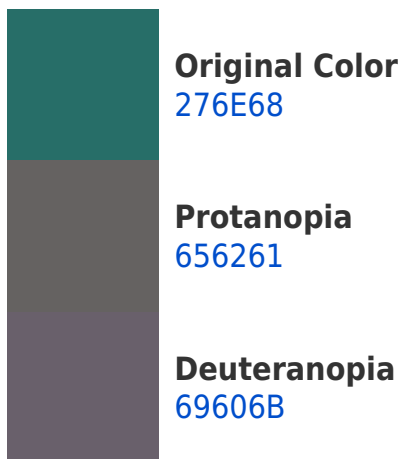


This preview shows how white text looks on a background with the Hex color 276E68.

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](#).

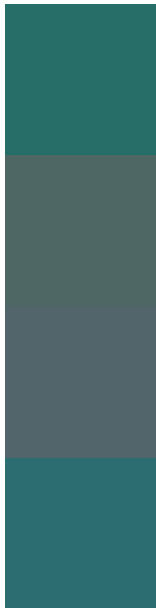
Dichromacy





Tritanopia
2D6C75

Trichromacy



Original Color
276E68

Protanomaly
4E6664

Deuteranomaly
51656A

Tritanomaly
2B6D70

Monochromacy



Original Color
276E68

Achromatopsia
585858

Achromatomaly
46605E

CSS Examples

Text

The CSS property to change the color of the text to Hex 276E68 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 #276E68 looks like.

```
.text, #text, p{  
    color:#276E68  
}
```

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 #276E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276E68
}
```

Border

The CSS property to change the border of an element to Hex 276E68 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
#276E68 }
```

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

```
.border{ border-color:#276E68 }
```

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

Here you see how a box with a 4 pixel #276E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276E68; -webkit-box-shadow:4px 4px  
4px 4px #276E68; box-shadow:4px 4px 4px  
4px #276E68 }
```

Background

The CSS property to change the background color of an element to Hex 276E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276E68 }
```

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

```
.background{ background-color:#276E68 }
```

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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