

Converting Colors

Hex(276C6D)

Have a look what the booklet for
Hex(276C6D) contains.

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Color

Hex(276C6D)

Conversions

Conversions Part 1

Format	Color
Hex	276C6D
RGB	39, 108, 109
RGB Percent	15%, 42%, 43%
CMY	0.8471, 0.5765, 0.5725
CMYK	0.64, 0.01, 0.00, 0.57
HSL	181°, 47%, 29%
HSV	181°, 64%, 43%
XYZ	8.9596, 12.2606, 16.3623
YIQ	87.4830, -41.4450, -14.3170

Conversions

Conversions Part 2

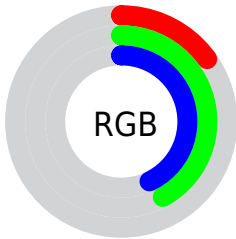
Format	Color
RYB	39, 74, 109
Decimal	2583661
CIELab	41.63, -20.84, -6.97
CIELCh	42, 21.974, 198.502
Yxy	12.2606, 0.2384, 0.3262
Android (android.graphics.Color)	4280773741 (0xFF276C6D)
YUV	87.4830, 10.6079, -42.5196
Hunter-Lab	35.0151, -15.6023, -3.1952

Details

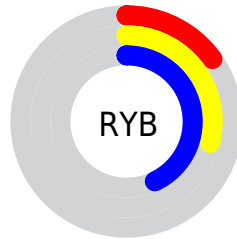
The Hex color **276C6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D2827**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5EA0A0**, and **003C3E** is the 20% darker color. If you saturate the color by 10%, you get **1C6C6D**, and if you desaturate by 10%, it is **326C6D**.

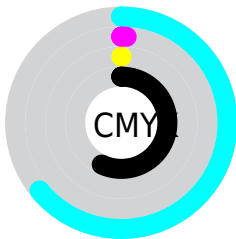
Distribution



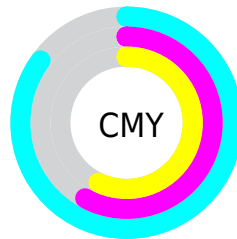
- Red (15%)
- Green (42%)
- Blue (43%)



- Red (15%)
- Yellow (29%)
- Blue (43%)



- Cyan (64%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276C6D 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 276C6D by changing the saturation by 10% instead.

 276C6D

 276C6D

FFFFFF

 015455

 5EA0A0

 003C3E

 78BBBB

 002628

 94D7D7

 000C14

 AFF3F4

 000000

 CCFFFF

 E9FFFF

 276C6D

 276C6D

 1C6C6D

 326C6D

■ 116C6D

■ 3D6C6D

■ 066C6D

■ 486C6D

■ 006B6D

■ 536D6D

■ 5E6D6D

■ 686D6D

■ 736D6D

■ 7E6D6D

■ 896D6D

Harmonies

Analogous

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



396C5A



276C6D



286A7D

Triad

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



276C6D



725A7A



755F3F

Complementary

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



276C6D



6D2827

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.



815948



276C6D



81556A

Square

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



276C6D



5B6084



865558



636540

Rectangle

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



276C6D



366883



865558



7A5D41

Sweetspot

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



276C6D



748E8F



276D27



374747



C7C7C7



474747

Same Dimension

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



276C6D



218D8F



274A6D



303536



007475



00F1F5

Inverse Universe

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



6D276C



8F218D



6D4A27



363035



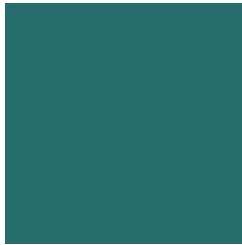
750074



F500F1

Previews

White Background



This preview shows how the Hex color 276C6D looks on a white background.

Color Contrast Check

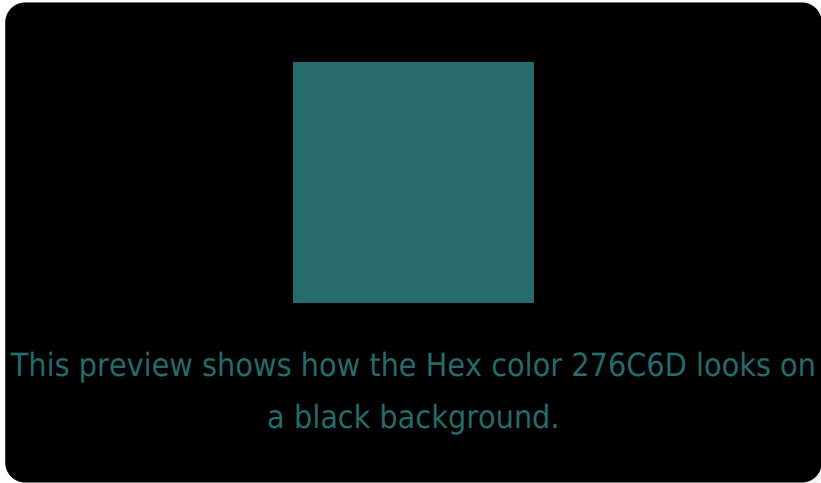
Large Text (above 18pt) WCAG AA ✓ Pass

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

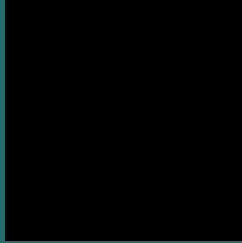
Any Text WCAG AA × Fail

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 276C6D Background



This preview shows how black text looks on a background with the Hex color 276C6D.

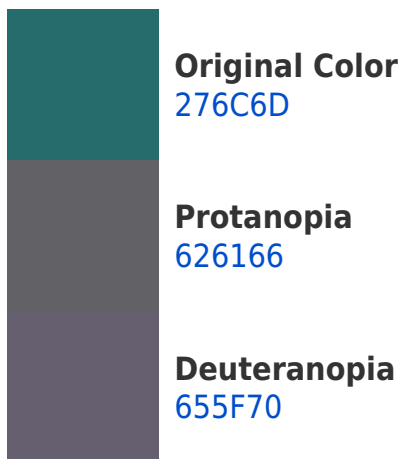


This preview shows how white text looks on a background with the Hex color 276C6D.

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](#).

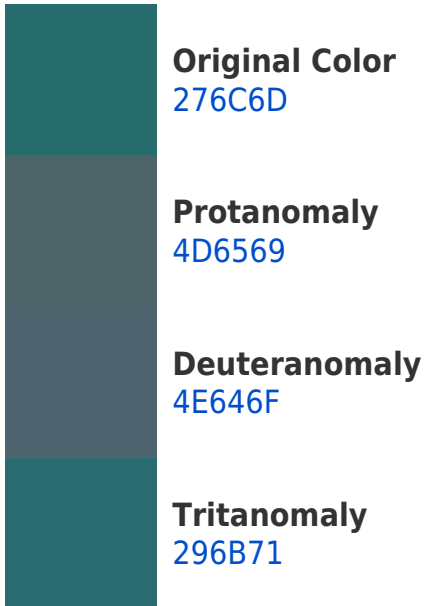
Dichromacy





Tritanopia
2A6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 276C6D 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 #276C6D looks like.

```
.text, #text, p{  
    color:#276C6D  
}
```

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 #276C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276C6D
}
```

Border

The CSS property to change the border of an element to Hex 276C6D 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
#276C6D }
```

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

```
.border{ border-color:#276C6D }
```

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

Here you see how a box with a 4 pixel #276C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276C6D; -webkit-box-shadow:4px 4px  
4px 4px #276C6D; box-shadow:4px 4px 4px  
4px #276C6D }
```

Background

The CSS property to change the background color of an element to Hex 276C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276C6D }
```

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

```
.background{ background-color:#276C6D }
```

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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