

Converting Colors

Hex(275D7C)

Have a look what the booklet for
Hex(275D7C) contains.

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Color

Hex(275D7C)

Conversions

Conversions Part 1

Format	Color
Hex	275D7C
RGB	39, 93, 124
RGB Percent	15%, 36%, 49%
CMY	0.8471, 0.6353, 0.5137
CMYK	0.69, 0.25, 0.00, 0.51
HSL	202°, 52%, 32%
HSV	202°, 69%, 49%
XYZ	8.3891, 9.7153, 20.5019
YIQ	80.3880, -42.1350, -1.8070

Conversions

Conversions Part 2

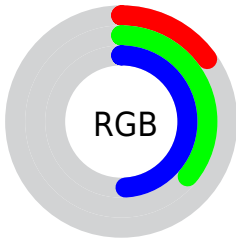
Format	Color
R _Y B	39, 72, 124
Decimal	2579836
CIE Lab	37.33, -7.24, -22.69
CIE LCh	37, 23.816, 252.312
Yxy	9.7153, 0.2173, 0.2517
Android (android.graphics.Color)	4280769916 (0xFF275D7C)
YUV	80.3880, 21.5007, -36.2973
Hunter-Lab	31.1693, -6.5035, -17.1799




Details

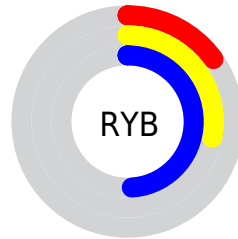
The Hex color **275D7C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7C4627**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **5E8FB1**, and **002F4B** is the 20% darker color. If you saturate the color by 10%, you get **1B587C**, and if you desaturate by 10%, it is **33627C**.

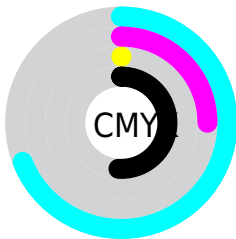
Distribution







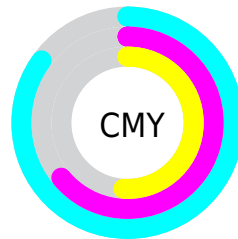
-  Red (15%)
-  Green (36%)
-  Blue (49%)






-  Red (15%)
-  Yellow (28%)
-  Blue (49%)



-  Cyan (69%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275D7C 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 275D7C by changing the saturation by 10% instead.

■ 275D7C

■ 275D7C

FFFFFF

■ 004563

■ 5E8FB1

■ 002F4B

■ 79AACC

■ 001B34

■ 95C5E8

■ 00021F

■ B0E1FF

■ 000002

■ CDFDFF

■ 000000

■ EAFFFF

■ 275D7C

■ 275D7C

■ 1B587C

■ 33627C

■ 0E547C

■ 40667C

■ 024F7C

■ 4C6B7C

■ 004F7C

■ 596F7C

■ 65747C

■ 71787C

■ 7E7D7C

■ 8A817C

■ 97867C

Harmonies

Analogous

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



036171



275D7C



49577D

Triad

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



275D7C



7D4951



475E3B

Complementary

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



275D7C



7C4627

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.



5D5932



275D7C



7A4C3F

Square

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



275D7C



764A64



6E5333



2F614C

Rectangle

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



275D7C



5C5278



6E5333



4F5D37

Sweetspot

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



275D7C



7F94A1



277C45



3D4A52



D1D1D1



525252

Same Dimension

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



275D7C



1D71A1



27347C



373B3D



004F7D



00A0FC

Inverse Universe

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



7C275D



A11D71



7C6F27



3D373B



7D004F



FC00A0

Previews

White Background



This preview shows how the Hex color 275D7C looks on a white background.

Color Contrast Check

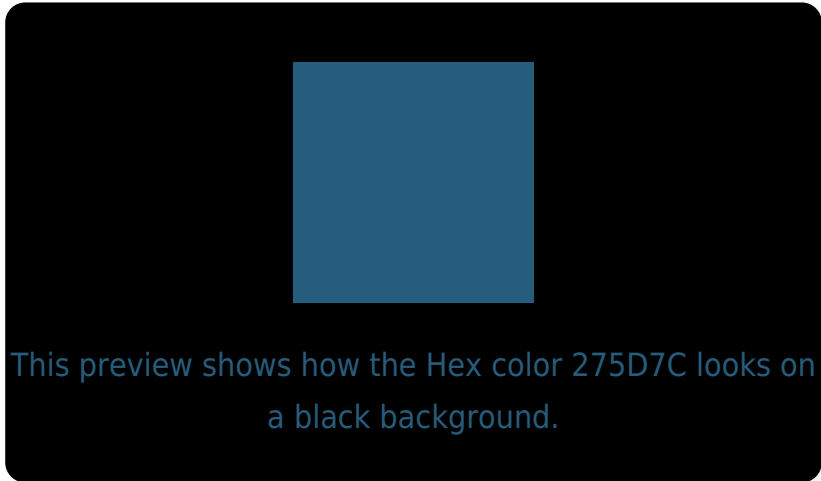
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

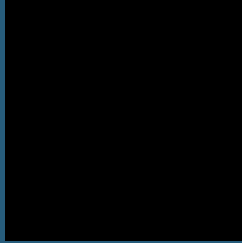
Any Text WCAG AA × Fail

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 275D7C Background



This preview shows how black text looks on a background with the Hex color 275D7C.




This preview shows how white text looks on a background with the Hex color 275D7C.

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](#).

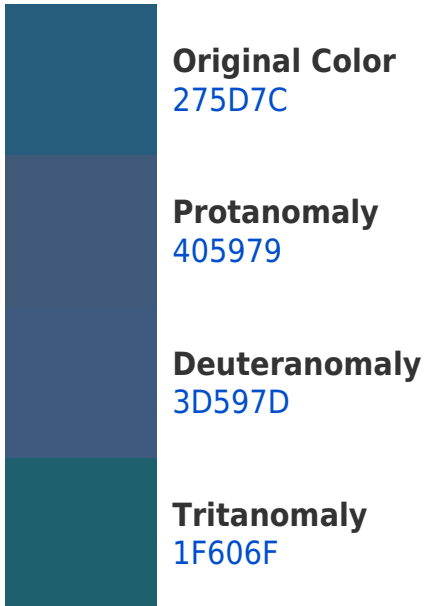
Dichromacy





Tritanopia
1A6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 275D7C 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 #275D7C looks like.

```
.text, #text, p{  
  color:#275D7C  
}
```

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 #275D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275D7C
}
```

Border

The CSS property to change the border of an element to Hex 275D7C 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
#275D7C }
```

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

```
.border{ border-color:#275D7C }
```

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

Here you see how a box with a 4 pixel #275D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275D7C; -webkit-box-shadow:4px 4px  
4px 4px #275D7C; box-shadow:4px 4px 4px  
4px #275D7C }
```

Background

The CSS property to change the background color of an element to Hex 275D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275D7C }
```

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

```
.background{ background-color:#275D7C }
```

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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