

Converting Colors

Hex(275B7A)

Have a look what the booklet for
Hex(275B7A) contains.

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Color

Hex(275B7A)

Conversions

Conversions Part 1

Format	Color
Hex	275B7A
RGB	39, 91, 122
RGB Percent	15%, 36%, 48%
CMY	0.8471, 0.6431, 0.5216
CMYK	0.68, 0.25, 0.00, 0.52
HSL	202°, 52%, 32%
HSV	202°, 68%, 48%
XYZ	8.0906, 9.3186, 19.7846
YIQ	78.9860, -40.9430, -1.3830

Conversions

Conversions Part 2

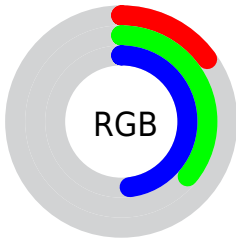
Format	Color
R _Y B	39, 71, 122
Decimal	2579322
CIE Lab	36.59, -6.74, -22.61
CIE LCh	37, 23.589, 253.405
Yxy	9.3186, 0.2175, 0.2505
Android (android.graphics.Color)	4280769402 (0xFF275B7A)
YUV	78.9860, 21.2059, -35.0677
Hunter-Lab	30.5265, -6.1122, -17.0581




Details

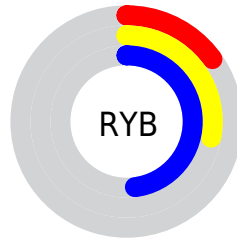
The Hex color **275B7A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7A4627**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **5E8DAF**, and **002D49** is the 20% darker color. If you saturate the color by 10%, you get **1B567A**, and if you desaturate by 10%, it is **33607A**.

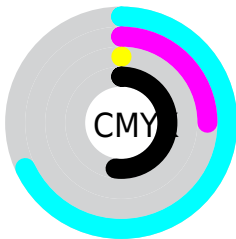
Distribution







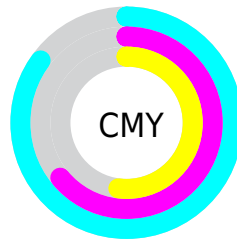
-  Red (15%)
-  Green (36%)
-  Blue (48%)






-  Red (15%)
-  Yellow (28%)
-  Blue (48%)



-  Cyan (68%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275B7A 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 275B7A by changing the saturation by 10% instead.

■ 275B7A

■ 275B7A

FFFFFF

■ 004461

■ 5E8DAF

■ 002D49

■ 79A7CA

■ 001932

■ 94C3E6

■ 00021D

■ B0DEFF

■ 000000

■ CCFBFF

■ E9FFFF

■ 275B7A

■ 275B7A

■ 1B567A

■ 33607A

■ 0F527A

■ 3F647A

■ 024D7A

■ 4C697A

■ 004C7A

■ 586D7A

■ 64727A

■ 70767A

■ 7C7B7A

■ 897F7A

■ 95847A

Harmonies

Analogous

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



025F70



275B7A



48557B

Triad

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



275B7A



7B474E



455D3A

Complementary

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



275B7A



7A4627

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.



5A5831



275B7A



774B3D

Square

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



275B7A



744961



6C5132



2D5F4B

Rectangle

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



275B7A



5B5076



6C5132



4C5B36

Sweetspot

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



275B7A



7E929E



277A45



3C484F



CFCFCF



4F4F4F

Same Dimension

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



275B7A



1C6E9E



27327A



373B3D



004E7D



009EFC

Inverse Universe

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



7A275B



9E1C6E



7A6F27



3D373B



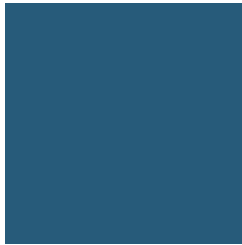
7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 275B7A looks on a white background.

Color Contrast Check

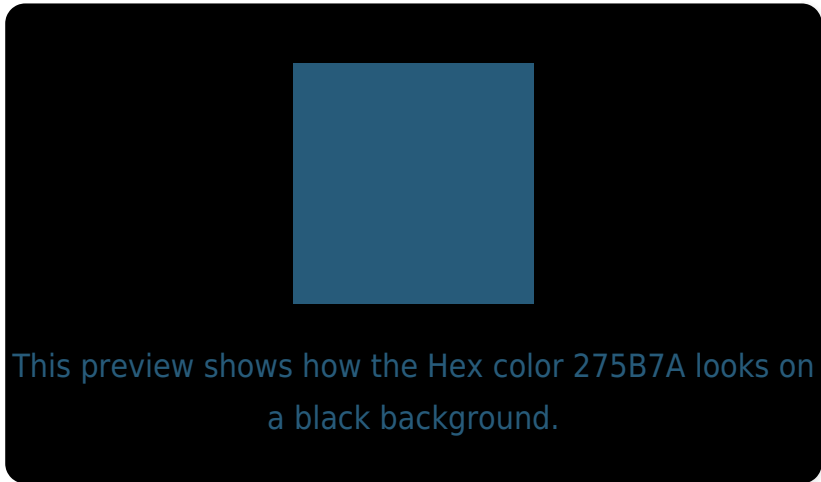
Large Text (above 18pt) WCAG AA ✓ Pass

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

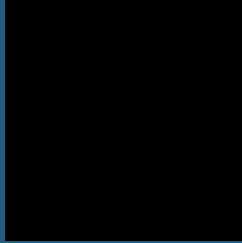
Any Text WCAG AA × Fail

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 275B7A Background



This preview shows how black text looks on a background with the Hex color 275B7A.



This preview shows how white text looks on a background with the Hex color 275B7A.

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
1A5F66

Trichromacy



Original Color
275B7A

Protanomaly
3F5777

Deuteranomaly
3B577B

Tritanomaly
1F5E6D

Monochromacy



Original Color
275B7A

Achromatopsia
4F4F4F

Achromatomaly
40535F

CSS Examples

Text

The CSS property to change the color of the text to Hex 275B7A 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 #275B7A looks like.

```
.text, #text, p{  
    color:#275B7A  
}
```

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 #275B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275B7A
}
```

Border

The CSS property to change the border of an element to Hex 275B7A 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
#275B7A }
```

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

```
.border{ border-color:#275B7A }
```

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

Here you see how a box with a 4 pixel #275B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275B7A; -webkit-box-shadow:4px 4px  
4px 4px #275B7A; box-shadow:4px 4px 4px  
4px #275B7A }
```

Background

The CSS property to change the background color of an element to Hex 275B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275B7A }
```

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

```
.background{ background-color:#275B7A }
```

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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