

# Converting Colors

Hex(0275AB)

Have a look what the booklet for  
Hex(0275AB) contains.

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# Color

**Hex(0275AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0275AB
RGB	2, 117, 171
RGB Percent	1%, 46%, 67%
CMY	0.9922, 0.5412, 0.3294
CMYK	0.99, 0.32, 0.00, 0.33
HSL	199°, 98%, 34%
HSV	199°, 99%, 67%
XYZ	13.7370, 15.6758, 40.8298
YIQ	88.7710, -85.8740, -7.5860

# Conversions

## Conversions Part 2

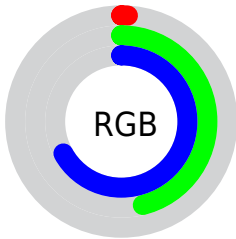
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 70, 171
Decimal	161195
CIE <sub>Lab</sub>	46.55, -7.20, -36.39
CIE <sub>LCh</sub>	47, 37.091, 258.805
Yxy	15.6758, 0.1956, 0.2232
Android (android.graphics.Color)	4278351275 (0xFF0275AB)
<b>YUV</b>	88.7710, 40.5389, -76.0982
Hunter-Lab	39.5926, -7.3549, -33.4278

# Details

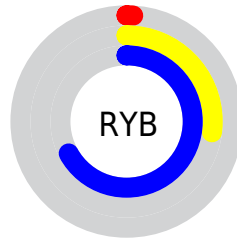
The Hex color **0275AB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB3802**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA9E3**, and **004576** is the 20% darker color. If you saturate the color by 10%, you get **0074AB**, and if you desaturate by 10%, it is **137AAB**.

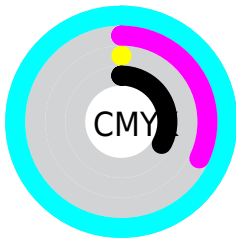
# Distribution



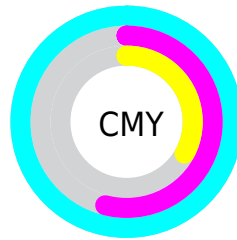
- Red (1%)
- Green (46%)
- Blue (67%)



- Red (1%)
- Yellow (27%)
- Blue (67%)



- Cyan (99%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (54%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0275AB 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 0275AB by changing the saturation by 10% instead.



0275AB

0275AB

FFFFFF

005C90

5AA9E3

004576

79C4FF

002F5D

96E0FF

001B45

B4FDFF

00042F

D2FFFF

000119

F0FFFF

000000

0275AB

0275AB

0074AB

137AAB

■ 2480AB

■ 3585AB

■ 468BAB

■ 5890AB

■ 6996AB

■ 7A9BAB

■ 8BA1AB

■ 9CA6AB

# Harmonies

## Analogous

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



007B9C



0275AB



5E6BA9

# Triad

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



0275AB



A9555C



497A44

# Complementary

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



0275AB



AB3802

# 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.



6D7331



0275AB



A05D41

# Square

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



0275AB



A2557B



8B6930



087D61

# Rectangle

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



0275AB



7D639F



8B6930



56783C



# Sweetspot

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



0275AB



9BC9DE



02AB38



486370



F0F0F0



707070



# Same Dimension

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



0275AB



0097DE



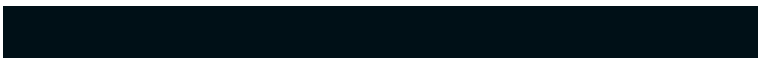
0221AB



4E5457



006696



001017



# Inverse Universe

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



AB0275



DE0097



AB8C02



574E54



960066



170010



# Previews

## White Background



This preview shows how the Hex color 0275AB looks on a white background.

## Color Contrast Check

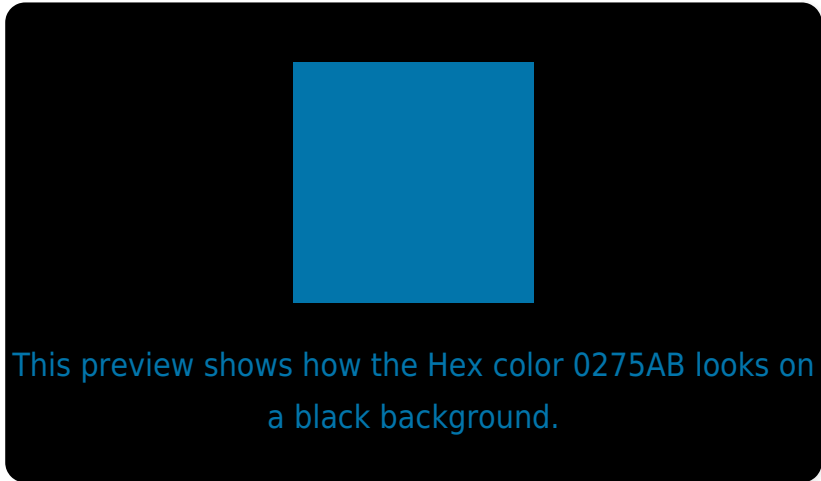
Large Text (above 18pt) WCAG AA ✓ Pass

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

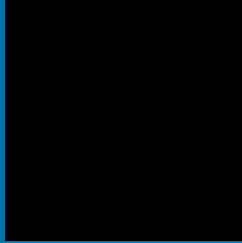
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0275AB Background



This preview shows how black text looks on a background with the Hex color 0275AB.

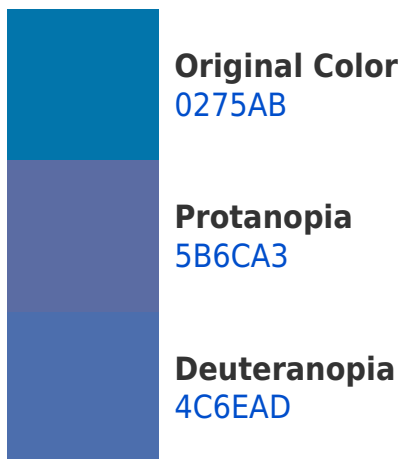


This preview shows how white text looks on a background with the Hex color 0275AB.

# 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](#).

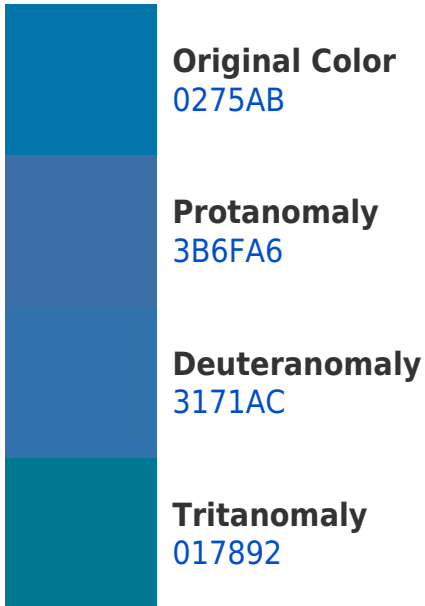
## Dichromacy





**Tritanopia**  
007A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0275AB 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 #0275AB looks like.

```
.text, #text, p{  
    color:#0275AB  
}
```

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 #0275AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0275AB
}
```

## Border

The CSS property to change the border of an element to Hex 0275AB 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
#0275AB }
```

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

```
.border{ border-color:#0275AB }
```

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

Here you see how a box with a 4 pixel #0275AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0275AB; -webkit-box-shadow:4px 4px  
4px 4px #0275AB; box-shadow:4px 4px 4px  
4px #0275AB }
```

# Background

The CSS property to change the background color of an element to Hex 0275AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0275AB }
```

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

```
.background{ background-color:#0275AB }
```

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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