

# Converting Colors

Hex(00267A)

Have a look what the booklet for  
Hex(00267A) contains.

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# Color

**Hex(00267A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00267A
RGB	0, 38, 122
RGB Percent	0%, 15%, 48%
CMY	1.0000, 0.8510, 0.5216
CMYK	1.00, 0.69, 0.00, 0.52
HSL	221°, 100%, 24%
HSV	221°, 100%, 48%
XYZ	4.2060, 2.7914, 18.7295
YIQ	36.2140, -49.6120, 18.0680

# Conversions

## Conversions Part 2

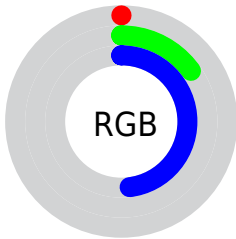
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 29, 122
Decimal	9850
CIELab	19.19, 25.18, -50.56
CIELCh	19, 56.483, 296.474
Yxy	2.7914, 0.1635, 0.1085
Android (android.graphics.Color)	4278199930 (0xFF00267A)
YUV	36.2140, 42.2925, -31.7597
Hunter-Lab	16.7074, 15.6982, -54.7706

# Details

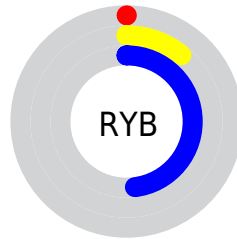
The Hex color **00267A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7A5400**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4C52AF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **00267A**, and if you desaturate by 10%, it is **0C2E7A**.

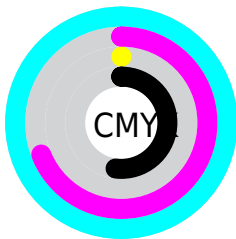
# Distribution



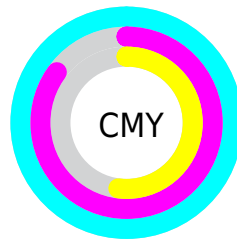
- Red (0%)
- Green (15%)
- Blue (48%)



- Red (0%)
- Yellow (11%)
- Blue (48%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (85%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00267A 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 00267A by changing the saturation by 10% instead.



■ 00267A

■ 00267A

FFFFFF

■ 001261

■ 4C52AF

■ 000048

■ 696BCB

■ 000431

■ 8584E8

■ 00011B

■ A19EFF

■ 000000

■ BEB9FF

■ DBD4FF

■ F9F1FF

■ 00267A

■ 0C2E7A

■ 18377A

■ 253F7A

■ 31487A

■ 3D507A

■ 49587A

■ 55617A

■ 62697A

■ 6E727A

# Harmonies

## Analogous

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



003683



00267A



58005D

# Triad

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



00267A



5C1500



003D28

# Complementary

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



00267A



7A5400

# 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.



003B00



00267A



3F2C00

# Square

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



00267A



6F000C



143600



003E53

# Rectangle

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



00267A



6B0043



143600



003D1A



# Sweetspot

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



00267A



6F7D9E



007A53



333B4F



CFCFCF



4F4F4F



# Same Dimension

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



00267A



00319E



16007A



37393D



00277D



004FFC



# Inverse Universe

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



7A0026



9E0031



647A00



3D3739



7D0027



FC004F



# Previews

## White Background



This preview shows how the Hex color 00267A looks on a white background.

### Color Contrast Check

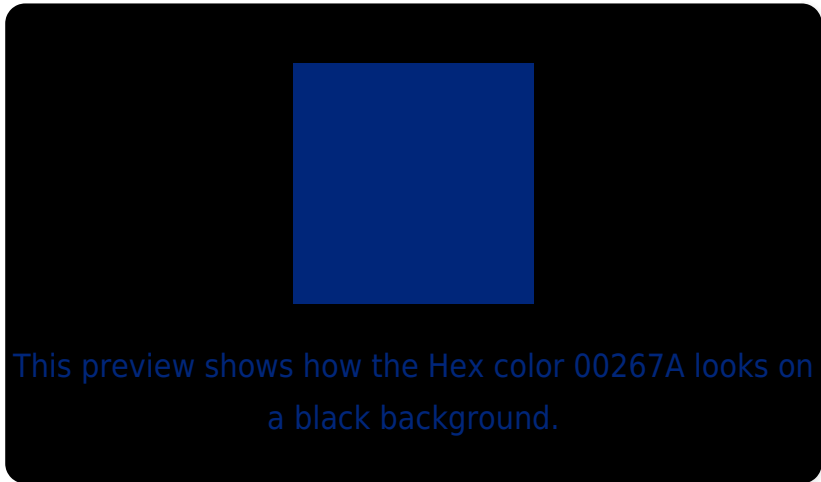
Large Text (above 18pt) WCAG AA ✓ Pass

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

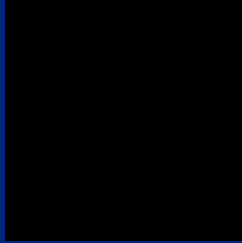
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00267A Background



This preview shows how black text looks on a background with the Hex color 00267A.



This preview shows how white text looks on a background with the Hex color 00267A.

# 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



# Trichromacy



**Original Color**  
00267A

**Deuteranomaly**  
002D61

**Tritanomaly**  
003050

# Monochromacy



**Original Color**  
00267A

**Achromatopsia**  
242424

**Achromatomaly**  
172543

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00267A 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 #00267A looks like.

```
.text, #text, p{  
    color:#00267A  
}
```

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 #00267A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00267A
}
```

## Border

The CSS property to change the border of an element to Hex 00267A 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
#00267A }
```

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

```
.border{ border-color:#00267A }
```

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

Here you see how a box with a 4 pixel #00267A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00267A; -webkit-box-shadow:4px 4px  
4px 4px #00267A; box-shadow:4px 4px 4px  
4px #00267A }
```

# Background

The CSS property to change the background color of an element to Hex 00267A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00267A }
```

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

```
.background{ background-color:#00267A }
```

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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