

Converting Colors

Hex(00277C)

Have a look what the booklet for
Hex(00277C) contains.

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Color

Hex(00277C)

Conversions

Conversions Part 1

Format	Color
Hex	00277C
RGB	0, 39, 124
RGB Percent	0%, 15%, 49%
CMY	1.0000, 0.8471, 0.5137
CMYK	1.00, 0.69, 0.00, 0.51
HSL	221°, 100%, 24%
HSV	221°, 100%, 49%
XYZ	4.3636, 2.9063, 19.3998
YIQ	37.0290, -50.5290, 18.1670

Conversions

Conversions Part 2

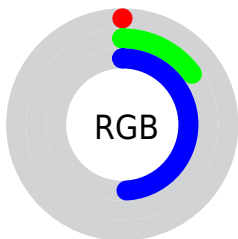
Format	Color
RYB	0, 30, 124
Decimal	10108
CIELab	19.66, 25.31, -51.05
CIELCh	20, 56.979, 296.371
Yxy	2.9063, 0.1636, 0.1090
Android (android.graphics.Color)	4278200188 (0xFF00277C)
YUV	37.0290, 42.8767, -32.4744
Hunter-Lab	17.0478, 15.8558, -55.5364

Details

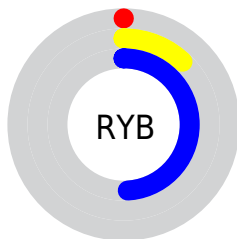
The Hex color **00277C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7C5500**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4D54B2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **00277C**, and if you desaturate by 10%, it is **0C2F7C**.

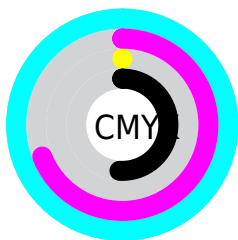
Distribution



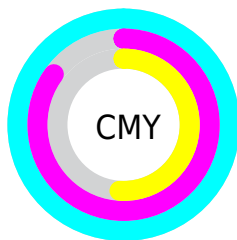
- Red (0%)
- Green (15%)
- Blue (49%)



- Red (0%)
- Yellow (12%)
- Blue (49%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00277C 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 00277C by changing the saturation by 10% instead.

■ 00277C

■ 00277C

FFFFFF

■ 001362

■ 4D54B2

■ 00004A

■ 6A6CCD

■ 000432

■ 8685EA

■ 00021C

■ A29FFF

■ 000000

■ BFBAFF

■ DCD6FF

■ FAF2FF

■ 00277C

■ 0C2F7C

■ 19387C

■ 25417C

■ 32497C

■ 3E527C

■ 4A5A7C

■ 57627C

■ 636B7C

■ 70737C

Harmonies

Analogous

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



003885



00277C



5A005F

Triad

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



00277C



5E1500



003F29

Complementary

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



00277C



7C5500

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.



003C00



00277C



402D00

Square

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



00277C



71000D



153800



003F54

Rectangle

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



00277C



6D0044



153800



003E1A

Sweetspot

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



00277C



7080A1



007C55



343D52



D1D1D1



525252

Same Dimension

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



00277C



0033A1



17007C



37393D



00277D



004FFC

Inverse Universe

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



7C0027



A10033



657C00



3D3739



7D0027



FC004F

Previews

White Background



This preview shows how the Hex color 00277C looks on a white background.

Color Contrast Check

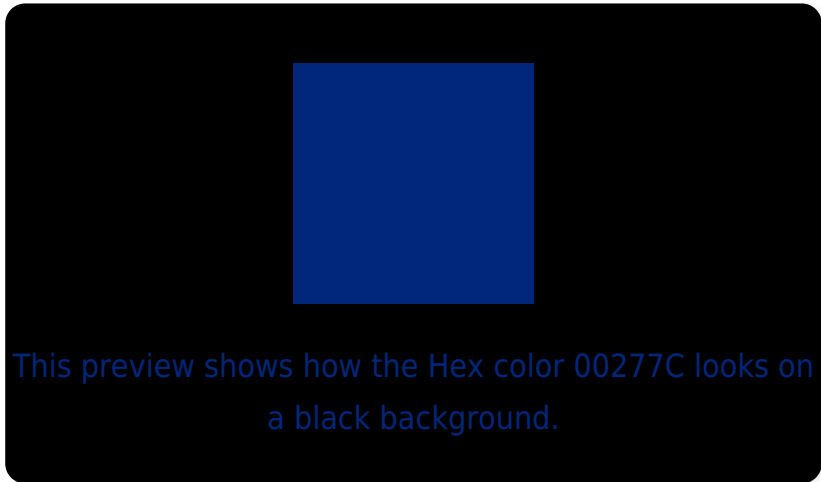
Large Text (above 18pt) WCAG AA ✓ Pass

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

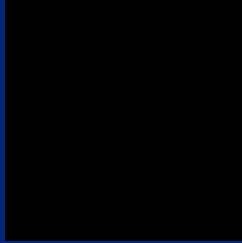
Any Text WCAG AA × Fail

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 00277C Background



This preview shows how black text looks on a background with the Hex color 00277C.



This preview shows how white text looks on a background with the Hex color 00277C.

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



Original Color
00277C

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
00277C

Protanomaly
002C6C

Deuteranomaly
002E63

Tritanomaly
003151

Monochromacy



Original Color
00277C

Achromatopsia
252525

Achromatomaly
182645

CSS Examples

Text

The CSS property to change the color of the text to Hex 00277C 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 #00277C looks like.

```
.text, #text, p{  
    color:#00277C  
}
```

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 #00277C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00277C
}
```

Border

The CSS property to change the border of an element to Hex 00277C 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
#00277C }
```

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

```
.border{ border-color:#00277C }
```

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

Here you see how a box with a 4 pixel #00277C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00277C; -webkit-box-shadow:4px 4px  
4px 4px #00277C; box-shadow:4px 4px 4px  
4px #00277C }
```

Background

The CSS property to change the background color of an element to Hex 00277C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00277C }
```

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

```
.background{ background-color:#00277C }
```

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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