

Converting Colors

Hex(40277A)

Have a look what the booklet for
Hex(40277A) contains.

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Color

Hex(40277A)

Conversions

Conversions Part 1

Format	Color
Hex	40277A
RGB	64, 39, 122
RGB Percent	25%, 15%, 48%
CMY	0.7490, 0.8471, 0.5216
CMYK	0.48, 0.68, 0.00, 0.52
HSL	258°, 52%, 32%
HSV	258°, 68%, 48%
XYZ	6.3527, 3.9462, 18.8392
YIQ	55.9370, -11.7430, 31.1130

Conversions

Conversions Part 2

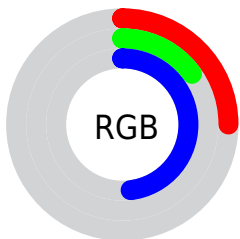
Format	Color
R_{YB}	64, 39, 122
Decimal	4204410
CIE _{Lab}	23.49, 32.69, -43.36
CIE _{LCh}	23, 54.296, 307.013
Yxy	3.9462, 0.2180, 0.1354
Android (android.graphics.Color)	4282394490 (0xFF40277A)
YUV	55.9370, 32.5691, 7.0713
Hunter-Lab	19.8650, 22.3198, -42.3230

Details

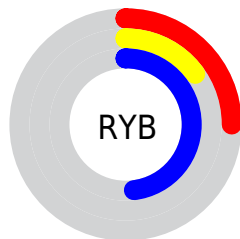
The Hex color **40277A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **617A27**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7556AF**, and **080048** is the 20% darker color. If you saturate the color by 10%, you get **371B7A**, and if you desaturate by 10%, it is **49337A**.

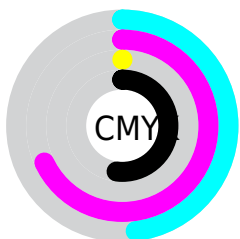
Distribution



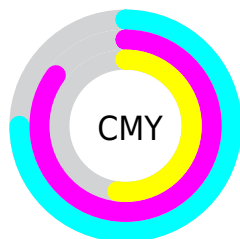
- Red (25%)
- Green (15%)
- Blue (48%)



- Red (25%)
- Yellow (15%)
- Blue (48%)



- Cyan (48%)
- Magenta (68%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (85%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40277A 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 40277A by changing the saturation by 10% instead.

40277A

40277A

FFFFFF

251161

7556AF

080048

906FCB

000031

AB88E7

00011B

C8A3FF

000000

E4BEFF

FFDAFF

FFF7FF

40277A

40277A

■ 371B7A

■ 49337A

■ 2F0F7A

■ 513F7A

■ 26027A

■ 5A4C7A

■ 25007A

■ 62587A

■ 6B647A

■ 73707A

■ 7C7C7A

■ 84897A

■ 8D957A

Harmonies

Analogous

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



003B8A



40277A



6D0059

Triad

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



40277A



5E2900



004841

Complementary

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



40277A



617A27

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.



004615



40277A



3D3A00

Square

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



40277A



750806



0B4200



004869

Rectangle

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



40277A



7A003E



0B4200



004833

Sweetspot

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



40277A



887E9E



27617A



423C4F



CFCFCF



4F4F4F

Same Dimension

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



40277A



441C9E



69277A



39373D



26007D



4C00FC

Inverse Universe

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



7A2761



9E1C77



387A27



3D373B



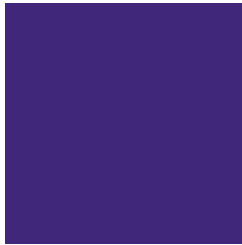
7D0057



FC00B0

Previews

White Background



This preview shows how the Hex color 40277A looks on a white background.

Color Contrast Check

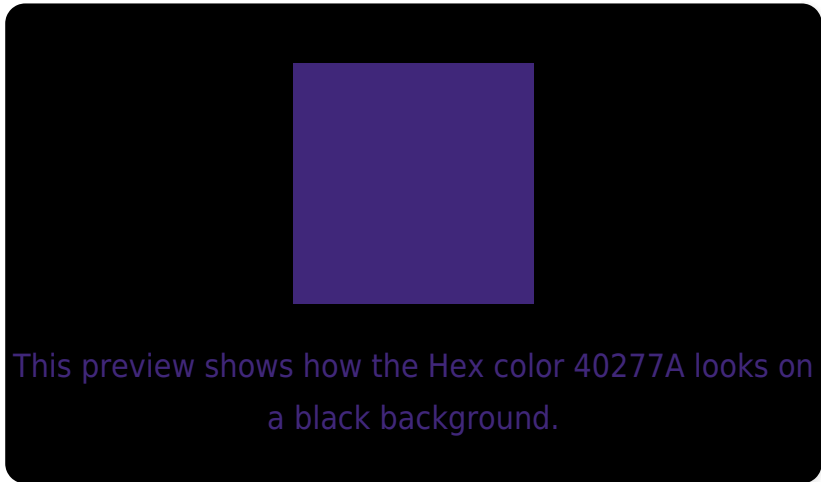
Large Text (above 18pt) WCAG AA ✓ Pass

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

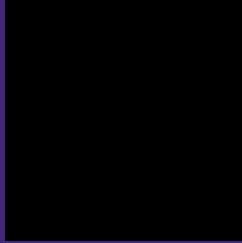
Any Text WCAG AA × Fail

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 40277A Background



This preview shows how black text looks on a background with the Hex color 40277A.



This preview shows how white text looks on a background with the Hex color 40277A.

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
40277A

Protanopia
003673

Deuteranopia
003A64



Tritanopia
303A3F

Trichromacy



Original Color
40277A

Protanomaly
173176

Deuteranomaly
17336C

Tritanomaly
363354

Monochromacy



Original Color
40277A

Achromatopsia
383838

Achromatomaly
3B3250

CSS Examples

Text

The CSS property to change the color of the text to Hex 40277A 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 #40277A looks like.

```
.text, #text, p{  
    color:#40277A  
}
```

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 #40277A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40277A
}
```

Border

The CSS property to change the border of an element to Hex 40277A is called "border". The border property can be set on classes, ids or directly on the HTML element.

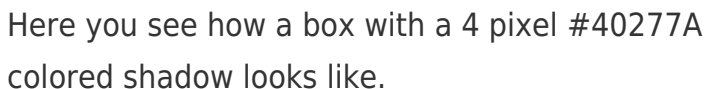
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40277A }
```

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

```
.border{ border-color:#40277A }
```

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



Here you see how a box with a 4 pixel #40277A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40277A; -webkit-box-shadow:4px 4px  
4px 4px #40277A; box-shadow:4px 4px 4px  
4px #40277A }
```

Background

The CSS property to change the background color of an element to Hex 40277A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40277A }
```

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

```
.background{ background-color:#40277A }
```

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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