

Converting Colors

Hex(0C377A)

Have a look what the booklet for
Hex(0C377A) contains.

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Color

Hex(0C377A)

Conversions

Conversions Part 1

Format	Color
Hex	0C377A
RGB	12, 55, 122
RGB Percent	5%, 22%, 48%
CMY	0.9529, 0.7843, 0.5216
CMYK	0.90, 0.55, 0.00, 0.52
HSL	217°, 82%, 26%
HSV	217°, 90%, 48%
XYZ	5.0307, 4.2157, 18.9609
YIQ	49.7810, -47.1350, 11.7210

Conversions

Conversions Part 2

Format	Color
R _Y B	12, 43, 122
Decimal	800634
CIE Lab	24.37, 13.71, -42.08
CIE LCh	24, 44.256, 288.049
Yxy	4.2157, 0.1783, 0.1495
Android (android.graphics.Color)	4278990714 (0xFF0C377A)
YUV	49.7810, 35.6040, -33.1339
Hunter-Lab	20.5321, 7.8038, -40.3804

Details

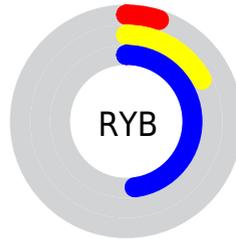
The Hex color **0C377A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A4F0C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4F65AF**, and **000D48** is the 20% darker color. If you saturate the color by 10%, you get **00307A**, and if you desaturate by 10%, it is **183E7A**.

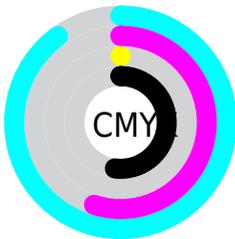
Distribution



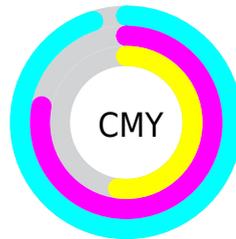
- Red (5%)
- Green (22%)
- Blue (48%)



- Red (5%)
- Yellow (17%)
- Blue (48%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C377A 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 0C377A by changing the saturation by 10% instead.

■ 0C377A

■ 0C377A

FFFFFF

■ 002261

■ 4F65AF

■ 000D48

■ 6B7ECB

■ 000431

■ 8698E7

■ 00011B

■ A2B2FF

■ 000000

■ BFCEFF

■ DCEAFF

■ F9FFFF

■ 0C377A

■ 0C377A

■ 00307A

■ 183E7A

■ 24467A

■ 314D7A

■ 3D557A

■ 495C7A

■ 55647A

■ 616B7A

■ 6E727A

■ 7A7A7A

Harmonies

Analogous

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



00427C



0C377A



532667

Triad

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



0C377A



692306



00472B

Complementary

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



0C377A



7A4F0C

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.



004506



0C377A



533400

Square

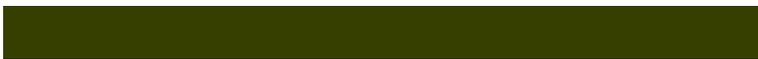
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0C377A



731128



363E00



00484E

Rectangle

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



0C377A



671854



363E00



00471F

Sweetspot

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



0C377A



73849E



0C7A4E



36404F



CFCFCF



4F4F4F

Same Dimension

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



0C377A



003E9E



170C7A



37393D



00317D



0063FC

Inverse Universe

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



7A0C37



9E003E



6F7A0C



3D3739



7D0031



FC0063

Previews

White Background



This preview shows how the Hex color 0C377A 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

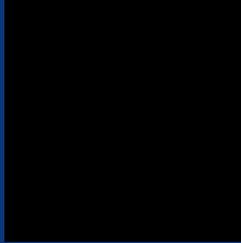
Any Text WCAG AA × Fail

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 0C377A Background



This preview shows how black text looks on a background with the Hex color 0C377A.



This preview shows how white text looks on a background with the Hex color 0C377A.

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
0C377A

Protanopia
003877

Deuteranopia
003C67

Trichromacy



Original Color

0C377A

Protanomaly

043878

Deuteranomaly

043A6E

Tritanomaly

043D58

Monochromacy



Original Color

0C377A

Achromatopsia

323232

Achromatomaly

24344C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C377A 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 #0C377A looks like.

```
.text, #text, p{  
    color:#0C377A  
}
```

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 #0C377A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C377A
}
```

Border

The CSS property to change the border of an element to Hex 0C377A 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
#0C377A }
```

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

```
.border{ border-color:#0C377A }
```

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

Here you see how a box with a 4 pixel #0C377A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C377A; -webkit-box-shadow:4px 4px  
4px 4px #0C377A; box-shadow:4px 4px 4px  
4px #0C377A }
```

Background

The CSS property to change the background color of an element to Hex 0C377A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C377A }
```

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

```
.background{ background-color:#0C377A }
```

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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