

Converting Colors

Hex(0C276D)

Have a look what the booklet for
Hex(0C276D) contains.

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Color

Hex(0C276D)

Conversions

Conversions Part 1

Format	Color
Hex	0C276D
RGB	12, 39, 109
RGB Percent	5%, 15%, 43%
CMY	0.9529, 0.8471, 0.5725
CMYK	0.89, 0.64, 0.00, 0.57
HSL	223°, 80%, 24%
HSV	223°, 89%, 43%
XYZ	3.6375, 2.6333, 14.7846
YIQ	38.9070, -38.5620, 16.0460

Conversions

Conversions Part 2

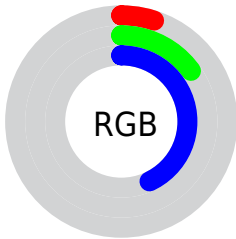
Format	Color
R_{YB}	12, 33, 109
Decimal	796525
CIE _{Lab}	18.51, 19.74, -43.29
CIE _{LCh}	19, 47.583, 294.511
Yxy	2.6333, 0.1728, 0.1251
Android (android.graphics.Color)	4278986605 (0xFF0C276D)
YUV	38.9070, 34.5558, -23.5974
Hunter-Lab	16.2275, 11.6132, -42.6586

Details

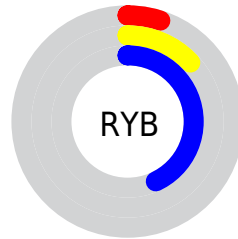
The Hex color **0C276D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D520C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4C53A1**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **011F6D**, and if you desaturate by 10%, it is **172F6D**.

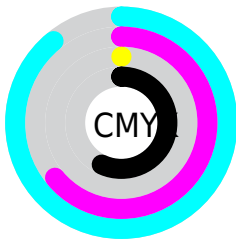
Distribution



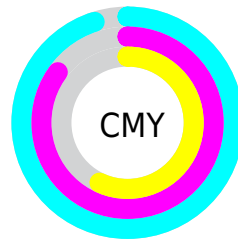
- Red (5%)
- Green (15%)
- Blue (43%)



- Red (5%)
- Yellow (13%)
- Blue (43%)



- Cyan (89%)
- Magenta (64%)
- Yellow (0%)
- Black (57%)



- Cyan (95%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C276D 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 0C276D by changing the saturation by 10% instead.

0C276D

0C276D

FFFFFF

001354

4C53A1

00003D

676CBD

000226

8285D9

00010F

9E9FF5

000000

BABAFF

D7D6FF

F4F2FF

0C276D

0C276D

■ 011F6D

■ 172F6D

■ 001E6D

■ 22376D

■ 2D3F6D

■ 38466D

■ 434E6D

■ 4D566D

■ 585E6D

■ 63666D

■ 6E6E6D

Harmonies

Analogous

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



003473



0C276D



4E0E56

Triad

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



0C276D



571800



003A26

Complementary

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



0C276D



6D520C

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.



003800



0C276D



3E2A00

Square

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



0C276D



650013



1D3300



003B49

Rectangle

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



0C276D



5F0040



1D3300



003A19

Sweetspot

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



0C276D



68738F



0C6D52



313747



C7C7C7



474747

Same Dimension

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



0C276D



00288F



210C6D



303236



002175



0044F5

Inverse Universe

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



6D0C27



8F0028



586D0C



363032



750021



F50044

Previews

White Background



This preview shows how the Hex color 0C276D looks on a white background.

Color Contrast Check

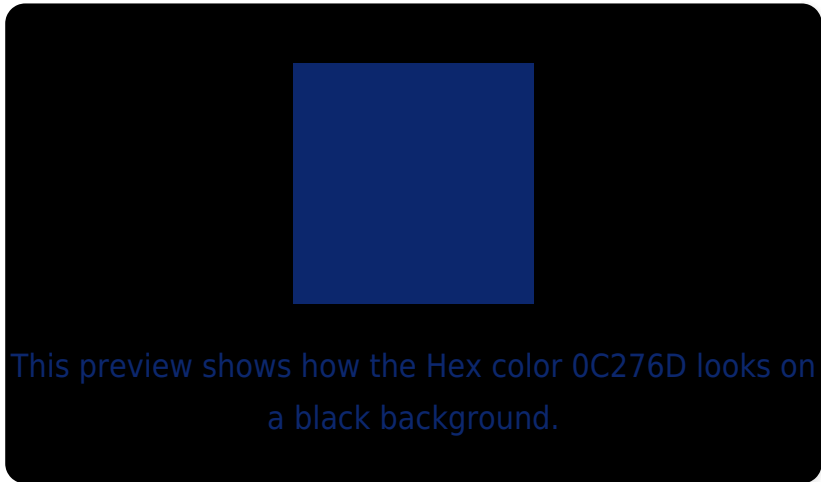
Large Text (above 18pt) WCAG AA ✓ Pass

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

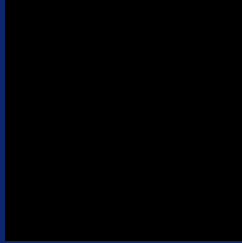
Any Text WCAG AA × Fail

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 0C276D Background



This preview shows how black text looks on a background with the Hex color 0C276D.



This preview shows how white text looks on a background with the Hex color 0C276D.

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
0C276D

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
003336

Trichromacy



Original Color

0C276D

Protanomaly

042A63

Deuteranomaly

042C5B

Tritanomaly

042F4A

Monochromacy



Original Color

0C276D

Achromatopsia

272727

Achromatomaly

1D2740

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C276D 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 #0C276D looks like.

```
.text, #text, p{  
    color:#0C276D  
}
```

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 #0C276D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C276D
}
```

Border

The CSS property to change the border of an element to Hex 0C276D 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
#0C276D }
```

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

```
.border{ border-color:#0C276D }
```

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

Here you see how a box with a 4 pixel #0C276D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C276D; -webkit-box-shadow:4px 4px  
4px 4px #0C276D; box-shadow:4px 4px 4px  
4px #0C276D }
```

Background

The CSS property to change the background color of an element to Hex 0C276D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C276D }
```

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

```
.background{ background-color:#0C276D }
```

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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