

Converting Colors

Hex(0F276C)

Have a look what the booklet for
Hex(0F276C) contains.

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Color

Hex(0F276C)

Conversions

Conversions Part 1

Format	Color
Hex	0F276C
RGB	15, 39, 108
RGB Percent	6%, 15%, 42%
CMY	0.9412, 0.8471, 0.5765
CMYK	0.86, 0.64, 0.00, 0.58
HSL	225°, 76%, 24%
HSV	225°, 86%, 42%
XYZ	3.6293, 2.6353, 14.5047
YIQ	39.6900, -36.4530, 16.3710

Conversions

Conversions Part 2

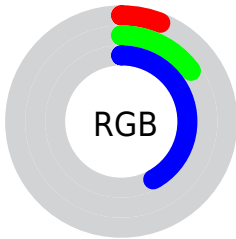
Format	Color
R_{YB}	15, 34, 108
Decimal	993132
CIE _{Lab}	18.52, 19.58, -42.63
CIE _{LCh}	19, 46.908, 294.668
Yxy	2.6353, 0.1747, 0.1269
Android (android.graphics.Color)	4279183212 (0xFF0F276C)
YUV	39.6900, 33.6768, -21.6531
Hunter-Lab	16.2336, 11.4978, -41.6121

Details

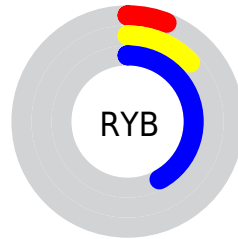
The Hex color **0F276C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C540F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4D54A0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **041F6C**, and if you desaturate by 10%, it is **1A2F6C**.

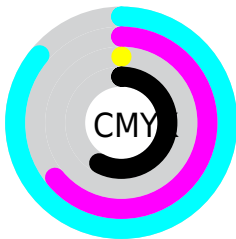
Distribution



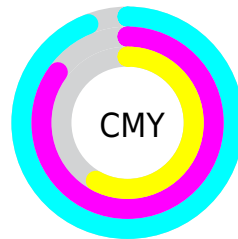
- Red (6%)
- Green (15%)
- Blue (42%)



- Red (6%)
- Yellow (13%)
- Blue (42%)



- Cyan (86%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F276C 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 0F276C by changing the saturation by 10% instead.

■ 0F276C

■ 0F276C

FFFFFF

■ 001353

■ 4D54A0

■ 00003C

■ 686CBC

■ 000225

■ 8385D8

■ 00010D

■ 9F9FF4

■ 000000

■ BBBAFF

■ D8D6FF

■ F5F2FF

■ 0F276C

■ 0F276C

■ 041F6C

■ 1A2F6C

■ 001C6C

■ 25376C

■ 2F3F6C

■ 3A476C

■ 454F6C

■ 50576C

■ 5B5F6C

■ 65676C

■ 706F6C

Harmonies

Analogous

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



003472



0F276C



4E0F55

Triad

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



0F276C



561800



003A26

Complementary

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



0F276C



6C540F

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



0F276C



3E2A00

Square

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



0F276C



640013



1E3300



003B49

Rectangle

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



0F276C



5F0040



1E3300



003A1A

Sweetspot

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



0F276C



68718C



0F6C53



313747



C7C7C7



474747

Same Dimension

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



0F276C



00248C



250F6C



303236



001E75



003FF5

Inverse Universe

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



6C0F27



8C0024



566C0F



363032



75001E



F5003F

Previews

White Background



This preview shows how the Hex color 0F276C looks on a white background.

Color Contrast Check

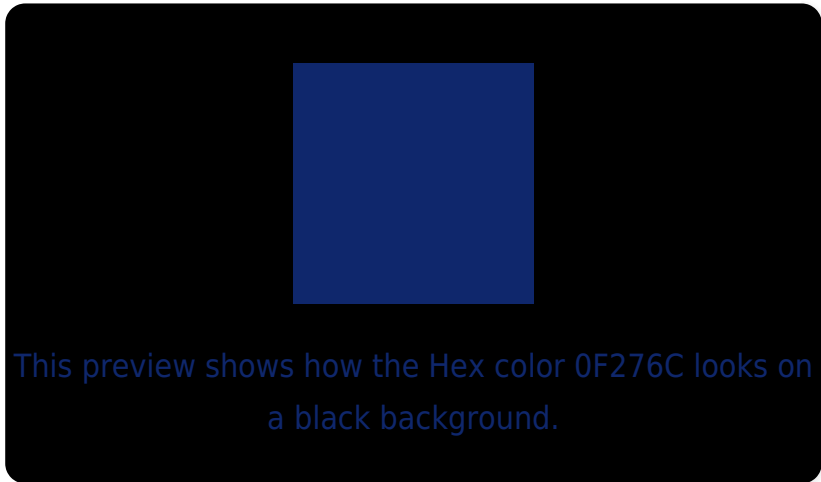
Large Text (above 18pt) WCAG AA ✓ Pass

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

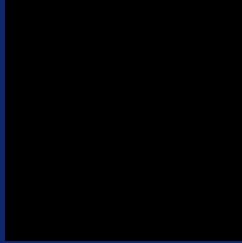
Any Text WCAG AA × Fail

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 0F276C Background



This preview shows how black text looks on a background with the Hex color 0F276C.



This preview shows how white text looks on a background with the Hex color 0F276C.

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
0F276C

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
003336

Trichromacy



Original Color
0F276C

Protanomaly
052A62

Deuteranomaly
052C5A

Tritanomaly
052F4A

Monochromacy



Original Color
0F276C

Achromatopsia
282828

Achromatomaly
1F2841

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F276C 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 #0F276C looks like.

```
.text, #text, p{  
    color:#0F276C  
}
```

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 #0F276C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F276C
}
```

Border

The CSS property to change the border of an element to Hex 0F276C 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".

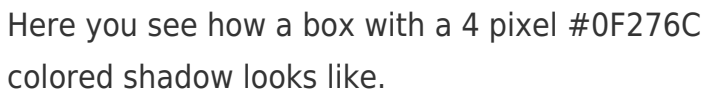
```
.border, #border, table{ border:4px solid
#0F276C }
```

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

```
.border{ border-color:#0F276C }
```

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

Here you see how a box with a 4 pixel #0F276C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F276C; -webkit-box-shadow:4px 4px  
4px 4px #0F276C; box-shadow:4px 4px 4px  
4px #0F276C }
```

Background

The CSS property to change the background color of an element to Hex 0F276C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F276C }
```

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

```
.background{ background-color:#0F276C }
```

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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