

Converting Colors

Hex(0C246F)

Have a look what the booklet for
Hex(0C246F) contains.

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Color

Hex(0C246F)

Conversions

Conversions Part 1

Format	Color
Hex	0C246F
RGB	12, 36, 111
RGB Percent	5%, 14%, 44%
CMY	0.9529, 0.8588, 0.5647
CMYK	0.89, 0.68, 0.00, 0.56
HSL	225°, 80%, 24%
HSV	225°, 89%, 44%
XYZ	3.6517, 2.4876, 15.3266
YIQ	37.3740, -38.3790, 18.2370

Conversions

Conversions Part 2

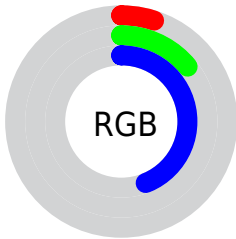
Format	Color
R_{YB}	12, 31, 111
Decimal	795759
CIE _{Lab}	17.86, 22.76, -45.65
CIE _{LCh}	18, 51.012, 296.495
Yxy	2.4876, 0.1701, 0.1159
Android (android.graphics.Color)	4278985839 (0xFF0C246F)
YUV	37.3740, 36.2976, -22.2530
Hunter-Lab	15.7722, 13.7269, -46.5746

Details

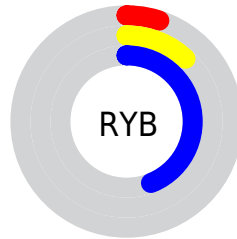
The Hex color **0C246F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6F570C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4D50A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **011C6F**, and if you desaturate by 10%, it is **172C6F**.

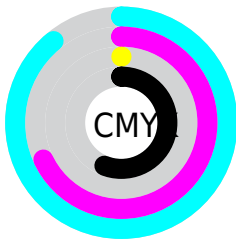
Distribution



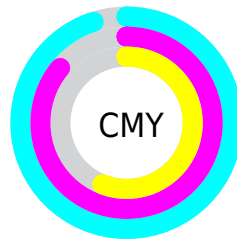
- Red (5%)
- Green (14%)
- Blue (44%)



- Red (5%)
- Yellow (12%)
- Blue (44%)



- Cyan (89%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C246F 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 0C246F by changing the saturation by 10% instead.



0C246F



0C246F

FFFFFF



001156



4D50A4



00003E



6868BF



000327



8481DB



000111



A09BF8



000000



BCB6FF



D9D2FF



F6EEFF



0C246F



0C246F

■ 011C6F

■ 172C6F

■ 001B6F

■ 22356F

■ 2D3D6F

■ 38466F

■ 444E6F

■ 4F566F

■ 5A5F6F

■ 65676F

■ 70706F

Harmonies

Analogous

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



003377



0C246F



510355

Triad

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



0C246F



551600



003926

Complementary

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



0C246F



6F570C

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.



003700



0C246F



3B2900

Square

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



0C246F



66000C



163300



003A4C

Rectangle

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



0C246F



62003E



163300



003919

Sweetspot

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



0C246F



6A7491



0C6F56



32384A



C9C9C9



4A4A4A

Same Dimension

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



0C246F



002391



250C6F



323438



001D78



003CF7

Inverse Universe

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



6F0C24



910023



566F0C



383234



78001D



F7003C

Previews

White Background



This preview shows how the Hex color 0C246F looks on a white background.

Color Contrast Check

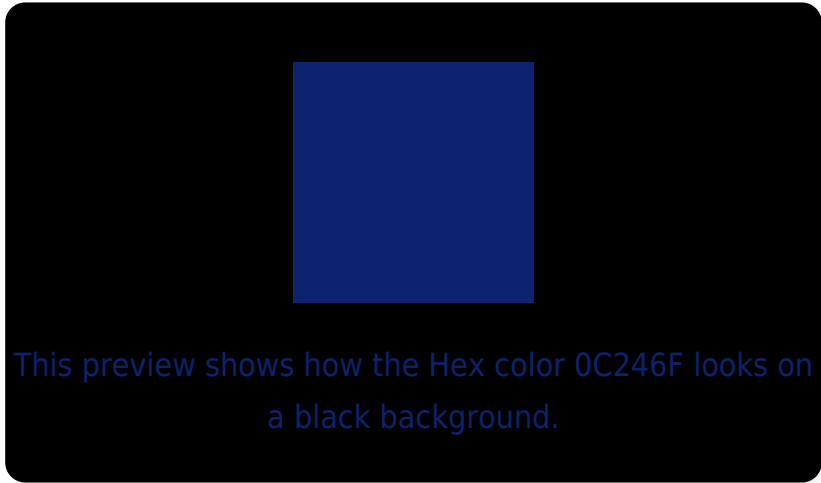
Large Text (above 18pt) WCAG AA ✓ Pass

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

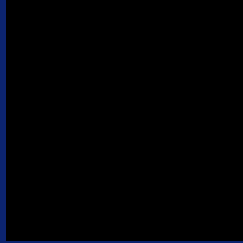
Any Text WCAG AA × Fail

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 0C246F Background



This preview shows how black text looks on a background with the Hex color 0C246F.



This preview shows how white text looks on a background with the Hex color 0C246F.

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

0C246F

Protanopia

002B5A

Deuteranopia

002E4D

Trichromacy



Original Color
0C246F

Protanomaly
042862

Deuteranomaly
042A59

Tritanomaly
042C49

Monochromacy



Original Color
0C246F

Achromatopsia
252525

Achromatomaly
1C2540

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C246F 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 #0C246F looks like.

```
.text, #text, p{  
    color:#0C246F  
}
```

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 #0C246F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C246F
}
```

Border

The CSS property to change the border of an element to Hex 0C246F 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
#0C246F }
```

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

```
.border{ border-color:#0C246F }
```

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

Here you see how a box with a 4 pixel #0C246F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C246F; -webkit-box-shadow:4px 4px  
4px 4px #0C246F; box-shadow:4px 4px 4px  
4px #0C246F }
```

Background

The CSS property to change the background color of an element to Hex 0C246F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C246F }
```

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

```
.background{ background-color:#0C246F }
```

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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