

# Converting Colors

Hex(0C146A)

Have a look what the booklet for  
Hex(0C146A) contains.

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# Color

**Hex(0C146A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C146A
RGB	12, 20, 106
RGB Percent	5%, 8%, 42%
CMY	0.9529, 0.9216, 0.5843
CMYK	0.89, 0.81, 0.00, 0.58
HSL	235°, 80%, 23%
HSV	235°, 89%, 42%
XYZ	3.0033, 1.6191, 13.7899
YIQ	27.4120, -32.3740, 25.0500

# Conversions

## Conversions Part 2

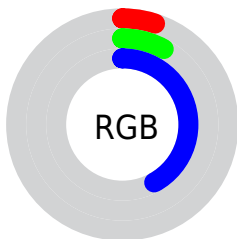
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 19, 106
Decimal	791658
CIE <sub>Lab</sub>	13.35, 31.58, -49.84
CIE <sub>LCh</sub>	13, 59.005, 302.360
Yxy	1.6191, 0.1631, 0.0879
Android (android.graphics.Color)	4278981738 (0xFF0C146A)
YUV	27.4120, 38.7439, -13.5163
Hunter-Lab	12.7243, 19.8634, -55.3481

# Details

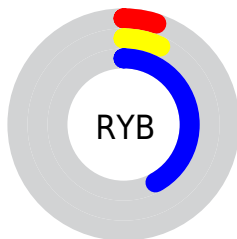
The Hex color **0C146A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6A620C**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4D409E**, and **000339** is the 20% darker color. If you saturate the color by 10%, you get **010A6A**, and if you desaturate by 10%, it is **171E6A**.

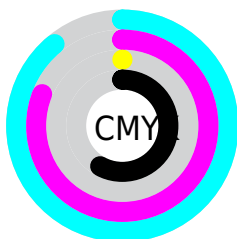
# Distribution



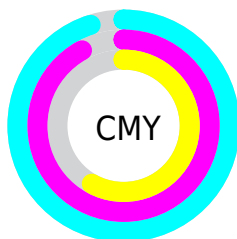
- Red (5%)
- Green (8%)
- Blue (42%)



- Red (5%)
- Yellow (7%)
- Blue (42%)



- Cyan (89%)
- Magenta (81%)
- Yellow (0%)
- Black (58%)



- Cyan (95%)
- Magenta (92%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C146A 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 0C146A by changing the saturation by 10% instead.



 0C146A

 0C146A

 FFF8FF

 000051

 4D409E

 000339

 6957BA

 000223

 8470D6

 000009

 A08AF3

 000000

 BCA4FF

 D9BFFF

 F7DBFF

 0C146A

 0C146A

■ 010A6A

■ 171E6A

■ 00096A

■ 21276A

■ 2C316A

■ 363B6A

■ 41446A

■ 4C4E6A

■ 56586A

■ 61626A

■ 6B6B6A

# Harmonies

## Analogous

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



002978



0C146A



520049

# Triad

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



0C146A



480C00



003125

# Complementary

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



0C146A



6A620C

# 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.



003000



0C146A



292200

# Square

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



0C146A



5D0000



002B00



00324E

# Rectangle

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



0C146A



60002F



002B00



003116



# Sweetspot

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



0C146A



65688A



0C6A61



2F3145



C4C4C4



454545



# Same Dimension

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



0C146A



000C8A



320C6A



303136



000A75



0015F5



# Inverse Universe

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



6A0C14



8A000C



446A0C



363031



75000A

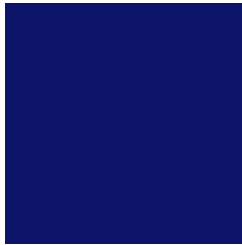


F50015



# Previews

## White Background



This preview shows how the Hex color 0C146A looks on a white background.

## Color Contrast Check

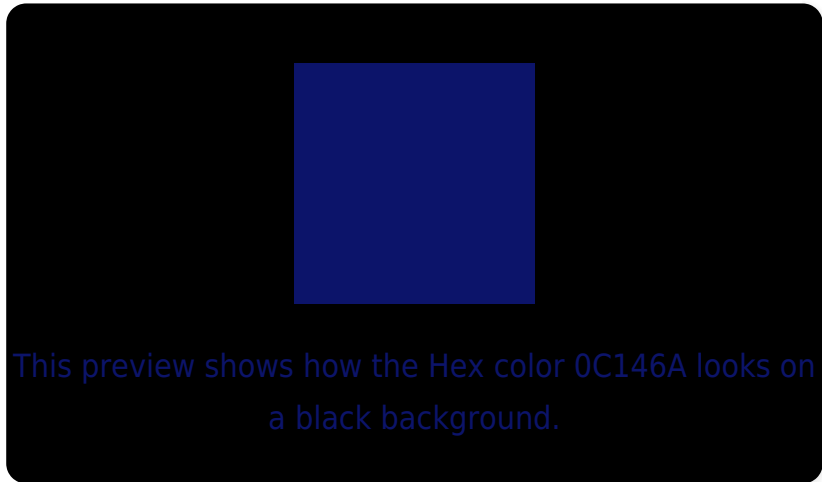
Large Text (above 18pt) WCAG AA ✓ Pass

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

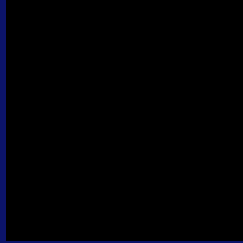
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C146A Background



This preview shows how black text looks on a background with the Hex color 0C146A.



This preview shows how white text looks on a background with the Hex color 0C146A.

# 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**  
0C146A

**Protanopia**  
002349

**Deuteranopia**  
00253E



**Tritanopia**  
00282A

# Trichromacy



**Original Color**  
0C146A

**Protanomaly**  
041E55

**Deuteranomaly**  
041F4E

**Tritanomaly**  
042141

# Monochromacy



**Original Color**  
0C146A

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
161838

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C146A 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 #0C146A looks like.

```
.text, #text, p{  
    color:#0C146A  
}
```

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 #0C146A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C146A
}
```

## Border

The CSS property to change the border of an element to Hex 0C146A 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
#0C146A }
```

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

```
.border{ border-color:#0C146A }
```

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

Here you see how a box with a 4 pixel #0C146A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C146A; -webkit-box-shadow:4px 4px  
4px 4px #0C146A; box-shadow:4px 4px 4px  
4px #0C146A }
```

# Background

The CSS property to change the background color of an element to Hex 0C146A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C146A }
```

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

```
.background{ background-color:#0C146A }
```

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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