

Converting Colors

Hex(0C005C)

Have a look what the booklet for
Hex(0C005C) contains.

Hex(0C005C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C005C)

Conversions

Conversions Part 1

Format	Color
Hex	0C005C
RGB	12, 0, 92
RGB Percent	5%, 0%, 36%
CMY	0.9529, 1.0000, 0.6392
CMYK	0.87, 1.00, 0.00, 0.64
HSL	248°, 100%, 18%
HSV	248°, 100%, 36%
XYZ	2.0834, 0.8509, 10.1796
YIQ	14.0760, -22.3800, 31.1560

Conversions

Conversions Part 2

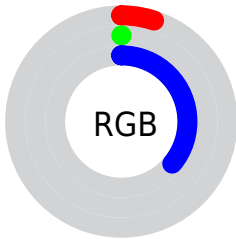
Format	Color
R_{YB}	12, 0, 92
Decimal	786524
CIE _{Lab}	7.69, 37.84, -49.93
CIE _{LCh}	8, 62.651, 307.152
Yxy	0.8509, 0.1589, 0.0649
Android (android.graphics.Color)	4278976604 (0xFF0C005C)
YUV	14.0760, 38.4165, -1.8207
Hunter-Lab	9.2243, 24.1735, -58.9739

Details

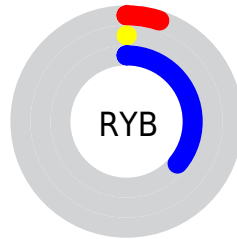
The Hex color **0C005C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **505C00**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4B2D8F**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **0C005C**, and if you desaturate by 10%, it is **14095C**.

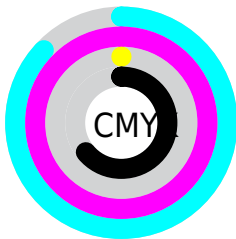
Distribution



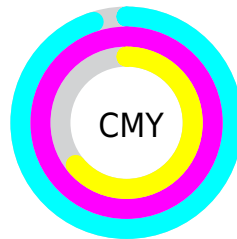
- Red (5%)
- Green (0%)
- Blue (36%)



- Red (5%)
- Yellow (0%)
- Blue (36%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C005C 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 0C005C by changing the saturation by 10% instead.

 0C005C

 0C005C

 FFE3FF

 000044

 4B2D8F

 00032C

 6644AA

 000117

 815DC6

 000000

 9D76E2

 B990FF

 D6ABFF

 F3C7FF

 0C005C

■ 14095C

■ 1C125C

■ 241C5C

■ 2C255C

■ 342E5C

■ 3C375C

■ 44405C

■ 4C4A5C

■ 54535C

Harmonies

Analogous

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



001D6E



0C005C



4A0038

Triad

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



0C005C



360400



002320

Complementary

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



0C005C



505C00

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.



002200



0C005C



141900

Square

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



0C005C



4D0000



002200



00254A

Rectangle

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



0C005C



55001D



002200



002211

Sweetspot

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



0C005C



595478



00515C



2A273D



BDBDBD



3D3D3D

Same Dimension

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



0C005C



100078



39005C



2A292E



0E006E



1F00ED

Inverse Universe

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



5C0050



780068



235C00



2E292D



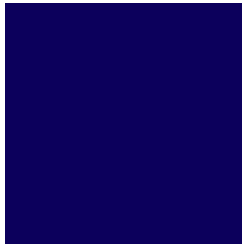
6E005F



ED00CE

Previews

White Background



This preview shows how the Hex color 0C005C looks on a white background.

Color Contrast Check

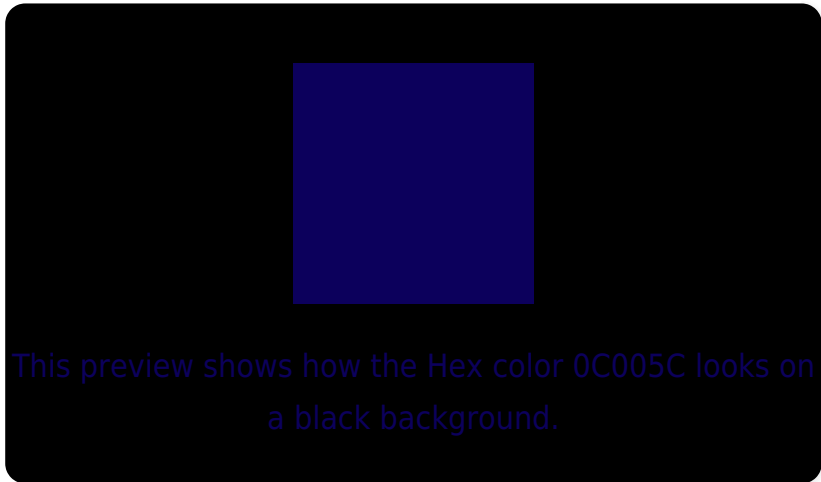
Large Text (above 18pt) WCAG AA ✓ Pass

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

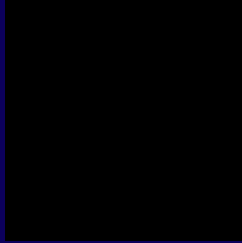
Any Text WCAG AA × Fail

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 0C005C Background



This preview shows how black text looks on a background with the Hex color 0C005C.



This preview shows how white text looks on a background with the Hex color 0C005C.

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
0C005C

Protanopia
001B39

Deuteranopia
001D30



Tritanopia
001F21

Trichromacy



Original Color
0C005C

Protanomaly
041146

Deuteranomaly
041240

Tritanomaly
041436

Monochromacy



Original Color
0C005C

Achromatopsia
0E0E0E

Achromatomaly
0D092A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C005C 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 #0C005C looks like.

```
.text, #text, p{  
    color:#0C005C  
}
```

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 #0C005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C005C
}
```

Border

The CSS property to change the border of an element to Hex 0C005C 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".

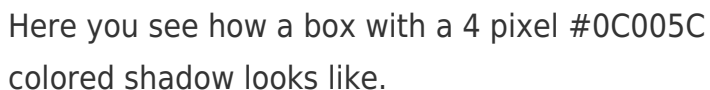
```
.border, #border, table{ border:4px solid
#0C005C }
```

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

```
.border{ border-color:#0C005C }
```

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

Here you see how a box with a 4 pixel #0C005C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C005C; -webkit-box-shadow:4px 4px  
4px 4px #0C005C; box-shadow:4px 4px 4px  
4px #0C005C }
```

Background

The CSS property to change the background color of an element to Hex 0C005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C005C }
```

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

```
.background{ background-color:#0C005C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor