

Converting Colors

Hex(000C6C)

Have a look what the booklet for
Hex(000C6C) contains.

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Color

Hex(000C6C)

Conversions

Conversions Part 1

Format	Color
Hex	000C6C
RGB	0, 12, 108
RGB Percent	0%, 5%, 42%
CMY	1.0000, 0.9529, 0.5765
CMYK	1.00, 0.89, 0.00, 0.58
HSL	233°, 100%, 21%
HSV	233°, 100%, 42%
XYZ	2.8382, 1.3457, 14.2975
YIQ	19.3560, -37.9680, 27.3120

Conversions

Conversions Part 2

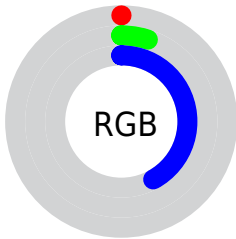
Format	Color
RYB	0, 11, 108
Decimal	3180
CIELab	11.59, 36.20, -54.08
CIELCh	12, 65.078, 303.792
Yxy	1.3457, 0.1536, 0.0728
Android (android.graphics.Color)	4278193260 (0xFF000C6C)
YUV	19.3560, 43.7015, -16.9752
Hunter-Lab	11.6002, 23.3735, -64.9559

Details

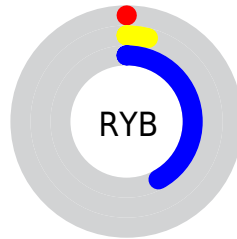
The Hex color **000C6C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6C6000**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4A39A1**, and **00063B** is the 20% darker color. If you saturate the color by 10%, you get **000C6C**, and if you desaturate by 10%, it is **0B166C**.

Distribution



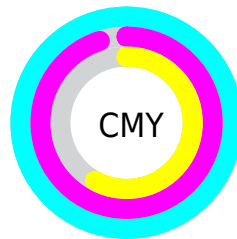
- Red (0%)
- Green (5%)
- Blue (42%)



- Red (0%)
- Yellow (4%)
- Blue (42%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C6C 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 000C6C by changing the saturation by 10% instead.

 000C6C

 000C6C

 FFF0FF

 000053

 4A39A1

 00063B

 6650BC

 000224

 8269D8

 00000C

 9F82F5

 000000

 BB9CFF

 D8B8FF

 F6D3FF

 000C6C

■ 0B166C

■ 161F6C

■ 20296C

■ 2B326C

■ 363C6C

■ 41466C

■ 4C4F6C

■ 56596C

■ 61626C

Harmonies

Analogous

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



00267C



000C6C



530047

Triad

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



000C6C



450500



002D24

Complementary

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



000C6C



6C6000

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.



002C00



000C6C



232000

Square

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



000C6C



5C0000



002900



002F51

Rectangle

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



000C6C



61002A



002900



002C14

Sweetspot

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



000C6C



62678C



006C5F



2E3147



C7C7C7



474747

Same Dimension

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



000C6C



00108C



29006C



303136



000D75



001BF5

Inverse Universe

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



6C000C



8C0010



436C00



363031



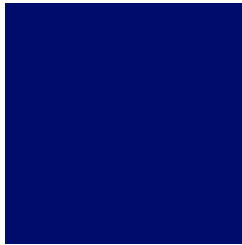
75000D



F5001B

Previews

White Background



This preview shows how the Hex color 000C6C looks on a white background.

Color Contrast Check

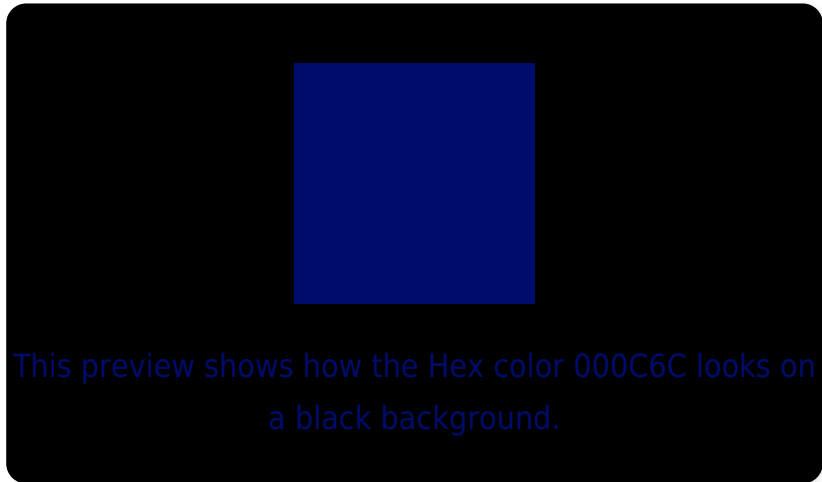
Large Text (above 18pt) WCAG AA ✓ Pass

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

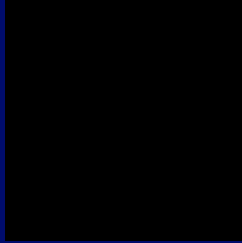
Any Text WCAG AA × Fail

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 000C6C Background



This preview shows how black text looks on a background with the Hex color 000C6C.



This preview shows how white text looks on a background with the Hex color 000C6C.

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
000C6C

Protanopia
002144

Deuteranopia
00233A

Trichromacy



Original Color
000C6C

Protanomaly
001953

Deuteranomaly
001B4C

Tritanomaly
001D40

Monochromacy



Original Color
000C6C

Achromatopsia
131313

Achromatomaly
0C1033

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C6C 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 #000C6C looks like.

```
.text, #text, p{  
    color:#000C6C  
}
```

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 #000C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C6C
}
```

Border

The CSS property to change the border of an element to Hex 000C6C 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
#000C6C }
```

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

```
.border{ border-color:#000C6C }
```

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

Here you see how a box with a 4 pixel #000C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C6C; -webkit-box-shadow:4px 4px  
4px 4px #000C6C; box-shadow:4px 4px 4px  
4px #000C6C }
```

Background

The CSS property to change the background color of an element to Hex 000C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C6C }
```

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

```
.background{ background-color:#000C6C }
```

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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