

# Converting Colors

Hex(000C5C)

Have a look what the booklet for  
Hex(000C5C) contains.

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# Color

Hex(000C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	000C5C
RGB	0, 12, 92
RGB Percent	0%, 5%, 36%
CMY	1.0000, 0.9529, 0.6392
CMYK	1.00, 0.87, 0.00, 0.64
HSL	232°, 100%, 18%
HSV	232°, 100%, 36%
XYZ	2.0632, 1.0357, 10.2164
YIQ	17.5320, -32.8320, 22.3360

# Conversions

## Conversions Part 2

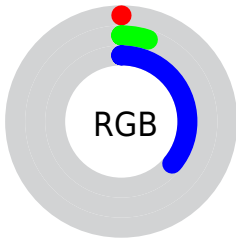
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 11, 92
Decimal	3164
CIELab	9.28, 30.49, -47.29
CIELCh	9, 56.265, 302.815
Yxy	1.0357, 0.1550, 0.0778
Android (android.graphics.Color)	4278193244 (0xFF000C5C)
YUV	17.5320, 36.7127, -15.3756
Hunter-Lab	10.1767, 18.3802, -52.3975

# Details

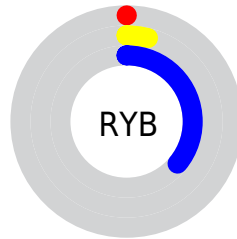
The Hex color **000C5C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5C5000**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **44378F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **000C5C**, and if you desaturate by 10%, it is **09145C**.

# Distribution



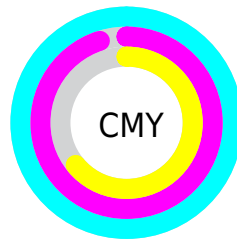
- Red (0%)
- Green (5%)
- Blue (36%)



- Red (0%)
- Yellow (4%)
- Blue (36%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 000C5C 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 000C5C by changing the saturation by 10% instead.



 000C5C

 000C5C

 FFEDFF

 000044

 44378F

 00032D

 5F4EAA

 000117

 7B66C6

 000000

 9680E2

 B29AFF

 CFB5FF

 ECD0FF

 000C5C

■ 09145C

■ 121C5C

■ 1C245C

■ 252C5C

■ 2E345C

■ 373C5C

■ 40445C

■ 4A4C5C

■ 53545C

# Harmonies

## Analogous

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



002069



000C5C



46003E

# Triad

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



000C5C



3B0500



00271D

# Complementary

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



000C5C



5C5000

# 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.



002600



000C5C



1F1A00

# Square

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



000C5C



4F0000



002300



002943

# Rectangle

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



000C5C



530025



002300



00260E



# Sweetspot

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



000C5C



545978



005C50



272A3D



BDBDBD



3D3D3D



# Same Dimension

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



000C5C



001078



22005C



292A2E



000E6E



001FED



# Inverse Universe

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



5C000C



780010



3A5C00



2E292A



6E000E

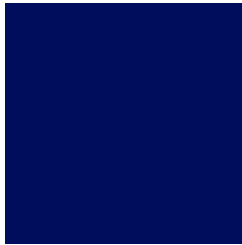


ED001F



# Previews

## White Background



This preview shows how the Hex color 000C5C looks on a white background.

## Color Contrast Check

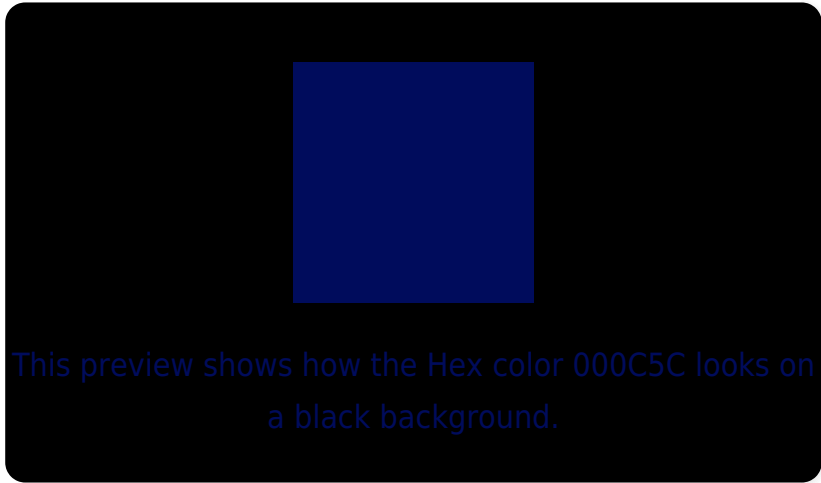
Large Text (above 18pt) WCAG AA ✓ Pass

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

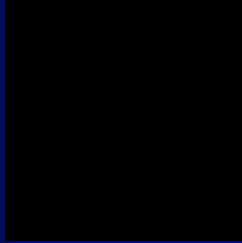
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 000C5C Background



This preview shows how black text looks on a background with the Hex color 000C5C.



This preview shows how white text looks on a background with the Hex color 000C5C.

# 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**  
000C5C

**Protanopia**  
001C3B

**Deuteranopia**  
001E32



# Trichromacy



**Original Color**  
000C5C

**Protanomaly**  
001647

**Deuteranomaly**  
001741

**Tritanomaly**  
001937

# Monochromacy



**Original Color**  
000C5C

**Achromatopsia**  
121212

**Achromatomaly**  
0B102D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000C5C 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 #000C5C looks like.

```
.text, #text, p{  
    color:#000C5C  
}
```

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 #000C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C5C
}
```

## Border

The CSS property to change the border of an element to Hex 000C5C 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
#000C5C }
```

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

```
.border{ border-color:#000C5C }
```

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

Here you see how a box with a 4 pixel #000C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C5C; -webkit-box-shadow:4px 4px  
4px 4px #000C5C; box-shadow:4px 4px 4px  
4px #000C5C }
```

# Background

The CSS property to change the background color of an element to Hex 000C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C5C }
```

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

```
.background{ background-color:#000C5C }
```

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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