

# Converting Colors

Hex(000C78)

Have a look what the booklet for  
Hex(000C78) contains.

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# Color

Hex(000C78)

# Conversions

## Conversions Part 1

Format	Color
Hex	000C78
RGB	0, 12, 120
RGB Percent	0%, 5%, 47%
CMY	1.0000, 0.9529, 0.5294
CMYK	1.00, 0.90, 0.00, 0.53
HSL	234°, 100%, 24%
HSV	234°, 100%, 47%
XYZ	3.5216, 1.6190, 17.8962
YIQ	20.7240, -41.8200, 31.0440

# Conversions

## Conversions Part 2

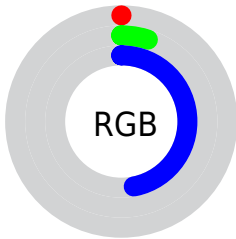
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 11, 120
Decimal	3192
CIELab	13.35, 40.20, -58.96
CIELCh	13, 71.359, 304.287
Yxy	1.6190, 0.1529, 0.0703
Android (android.graphics.Color)	4278193272 (0xFF000C78)
YUV	20.7240, 48.9431, -18.1749
Hunter-Lab	12.7240, 27.1365, -74.4838

# Details

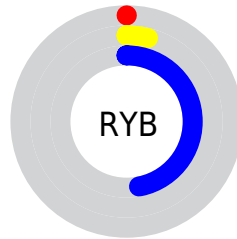
The Hex color **000C78** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **786C00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4F3AAE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **000C78**, and if you desaturate by 10%, it is **0C1778**.

# Distribution



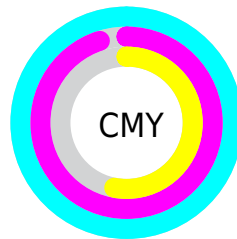
- Red (0%)
- Green (5%)
- Blue (47%)



- Red (0%)
- Yellow (4%)
- Blue (47%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (95%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 000C78 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 000C78 by changing the saturation by 10% instead.



 000C78

 000C78

 FFF2FF

 00005F

 4F3AAE

 000046

 6C52C9

 00042E

 886BE6

 000119

 A584FF

 000000

 C29FFF

 DFBAFF

 FDD6FF

 000C78

■ 0C1778

■ 182278

■ 242C78

■ 303778

■ 3C4278

■ 484D78

■ 545878

■ 606278

■ 6C6D78

# Harmonies

## Analogous

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



002B8B



000C78



5D004F

# Triad

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



000C78



4B0500



003229

# Complementary

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



000C78



786C00

# 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.



003100



000C78



252400

# Square

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



000C78



660000



002D00



00345B

# Rectangle

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



000C78



6D002E



002D00



003117



# Sweetspot

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



000C78



6D729C



00786C



33354F



CFCFCF



4F4F4F



# Same Dimension

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



000C78



00109C



300078



37383D



000C7D



0019FC



# Inverse Universe

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



78000C



9C0010



487800



3D3738



7D000C

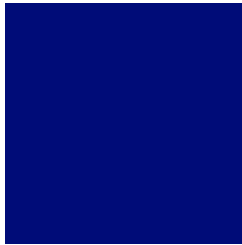


FC0019



# Previews

## White Background



This preview shows how the Hex color 000C78 looks on a white background.

## Color Contrast Check

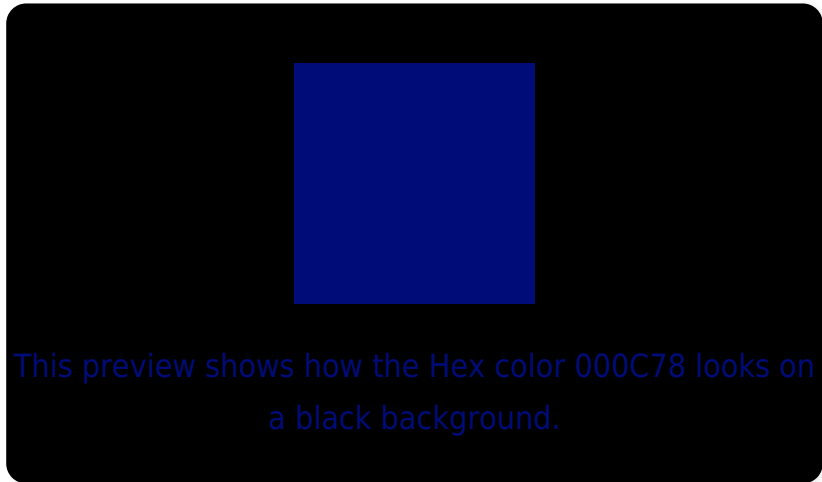
Large Text (above 18pt) WCAG AA ✓ Pass

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

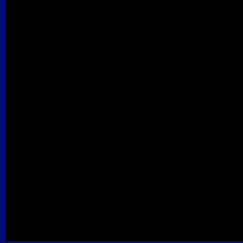
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 000C78 Background



This preview shows how black text looks on a background with the Hex color 000C78.



This preview shows how white text looks on a background with the Hex color 000C78.

# 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**  
000C78

**Protanopia**  
00244C

**Deuteranopia**  
002640



**Tritanopia**  
00292B

# Trichromacy



**Original Color**  
000C78

**Protanomaly**  
001B5C

**Deuteranomaly**  
001D54

**Tritanomaly**  
001E47

# Monochromacy



**Original Color**  
000C78

**Achromatopsia**  
151515

**Achromatomaly**  
0D1239

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000C78 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 #000C78 looks like.

```
.text, #text, p{  
    color:#000C78  
}
```

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 #000C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C78
}
```

## Border

The CSS property to change the border of an element to Hex 000C78 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
#000C78 }
```

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

```
.border{ border-color:#000C78 }
```

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

Here you see how a box with a 4 pixel #000C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C78; -webkit-box-shadow:4px 4px  
4px 4px #000C78; box-shadow:4px 4px 4px  
4px #000C78 }
```

# Background

The CSS property to change the background color of an element to Hex 000C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C78 }
```

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

```
.background{ background-color:#000C78 }
```

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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