

Converting Colors

Hex(000C66)

Have a look what the booklet for
Hex(000C66) contains.

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Color

Hex(000C66)

Conversions

Conversions Part 1

Format	Color
Hex	000C66
RGB	0, 12, 102
RGB Percent	0%, 5%, 40%
CMY	1.0000, 0.9529, 0.6000
CMYK	1.00, 0.88, 0.00, 0.60
HSL	233°, 100%, 20%
HSV	233°, 100%, 40%
XYZ	2.5297, 1.2223, 12.6730
YIQ	18.6720, -36.0420, 25.4460

Conversions

Conversions Part 2

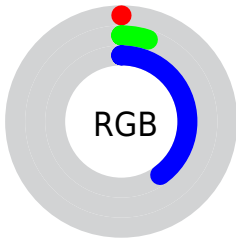
Format	Color
RYB	0, 11, 102
Decimal	3174
CIELab	10.72, 34.11, -51.58
CIELCh	11, 61.838, 303.477
Yxy	1.2223, 0.1540, 0.0744
Android (android.graphics.Color)	4278193254 (0xFF000C66)
YUV	18.6720, 41.0807, -16.3753
Hunter-Lab	11.0556, 21.4974, -60.2251

Details

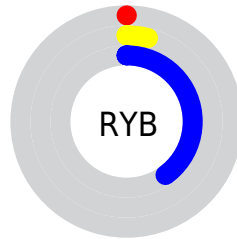
The Hex color **000C66** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **665A00**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **48389A**, and **000536** is the 20% darker color. If you saturate the color by 10%, you get **000C66**, and if you desaturate by 10%, it is **0A1566**.

Distribution



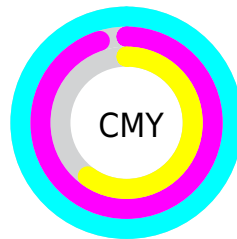
- Red (0%)
- Green (5%)
- Blue (40%)



- Red (0%)
- Yellow (4%)
- Blue (40%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C66 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 000C66 by changing the saturation by 10% instead.

 000C66

 000C66


 FFEFFF

 00004D

 48389A

 000536

 644FB5

 00021F

 7F68D1

 000003

 9B81EE

 000000

 B89BFF

 D5B6FF

 F2D2FF

 000C66

■ 0A1566

■ 141E66

■ 1F2766

■ 293066

■ 333966

■ 3D4266

■ 474B66

■ 525466

■ 5C5D66

Harmonies

Analogous

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



002475



000C66



4E0044

Triad

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



000C66



410500



002A21

Complementary

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



000C66



665A00

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.



002A00



000C66



211E00

Square

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



000C66



570000



002700



002D4C

Rectangle

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



000C66



5C0028



002700



002A12

Sweetspot

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



000C66



5D6185



006658



2A2D42



C2C2C2



424242

Same Dimension

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



000C66



001085



250066



2E2F33



000D73



001CF2

Inverse Universe

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



6600C



850010



416600



332E2F



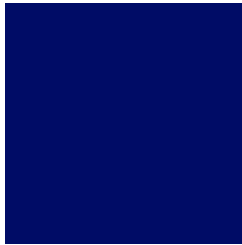
73000E



F2001D

Previews

White Background



This preview shows how the Hex color 000C66 looks on a white background.

Color Contrast Check

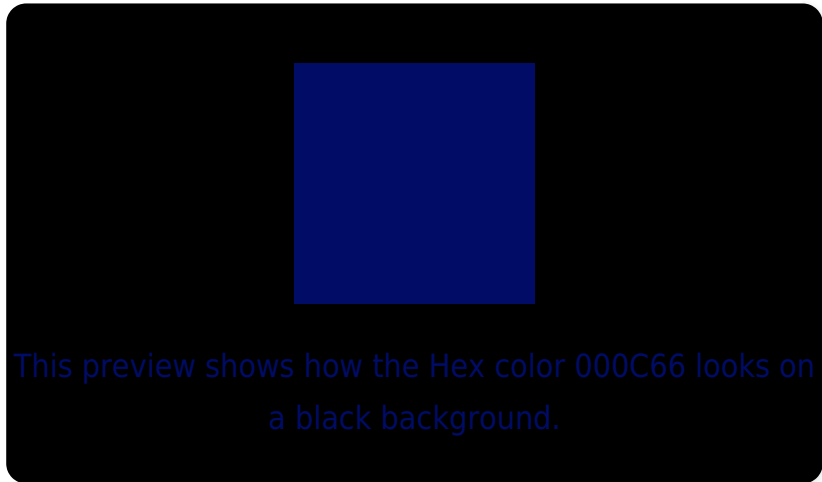
Large Text (above 18pt) WCAG AA ✓ Pass

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

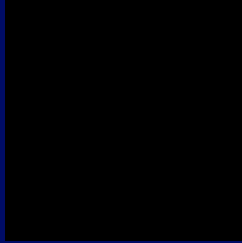
Any Text WCAG AA × Fail

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 000C66 Background



This preview shows how black text looks on a background with the Hex color 000C66.



This preview shows how white text looks on a background with the Hex color 000C66.

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
000C66

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
000C66

Protanomaly
00184E

Deuteranomaly
001948

Tritanomaly
001B3D

Monochromacy



Original Color
000C66

Achromatopsia
131313

Achromatomaly
0C1031

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C66 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 #000C66 looks like.

```
.text, #text, p{  
    color:#000C66  
}
```

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 #000C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C66
}
```

Border

The CSS property to change the border of an element to Hex 000C66 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
#000C66 }
```

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

```
.border{ border-color:#000C66 }
```

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

Here you see how a box with a 4 pixel #000C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C66; -webkit-box-shadow:4px 4px  
4px 4px #000C66; box-shadow:4px 4px 4px  
4px #000C66 }
```

Background

The CSS property to change the background color of an element to Hex 000C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C66 }
```

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

```
.background{ background-color:#000C66 }
```

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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