

Converting Colors

Hex(000C56)

Have a look what the booklet for
Hex(000C56) contains.

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Color

Hex(000C56)

Conversions

Conversions Part 1

Format	Color
Hex	000C56
RGB	0, 12, 86
RGB Percent	0%, 5%, 34%
CMY	1.0000, 0.9529, 0.6627
CMYK	1.00, 0.86, 0.00, 0.66
HSL	232°, 100%, 17%
HSV	232°, 100%, 34%
XYZ	1.8112, 0.9348, 8.8891
YIQ	16.8480, -30.9060, 20.4700

Conversions

Conversions Part 2

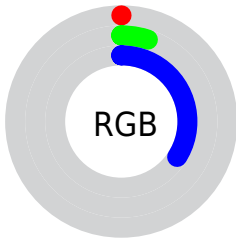
Format	Color
RYB	0, 11, 86
Decimal	3158
CIELab	8.44, 28.22, -44.63
CIElCh	8, 52.804, 302.307
Yxy	0.9348, 0.1557, 0.0803
Android (android.graphics.Color)	4278193238 (0xFF000C56)
YUV	16.8480, 34.0919, -14.7757
Hunter-Lab	9.6687, 16.5174, -47.7414

Details

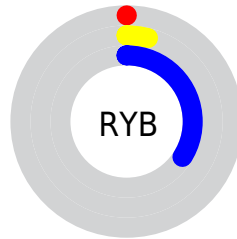
The Hex color **000C56** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **564A00**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **423689**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **000C56**, and if you desaturate by 10%, it is **091356**.

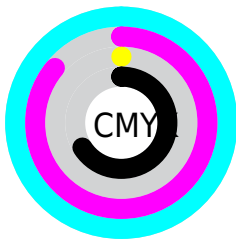
Distribution



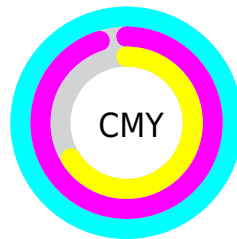
- Red (0%)
- Green (5%)
- Blue (34%)



- Red (0%)
- Yellow (4%)
- Blue (34%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C56 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 000C56 by changing the saturation by 10% instead.

 000C56

 000C56

 FFECFF

 00003E

 423689

 000327

 5D4DA3

 000111

 7766BF

 000000

 937FDB

 AF99F8

 CBB4FF

 E8CFFF

 000C56

■ 091356

■ 111B56

■ 1A2256

■ 222A56

■ 2B3156

■ 343856

■ 3C4056

■ 454756

■ 4D4F56

Harmonies

Analogous

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



001E62



000C56



41003A

Triad

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



000C56



380500



00241A

Complementary

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



000C56



564A00

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.



002400



000C56



1E1900

Square

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



000C56



4A0000



002200



00263E

Rectangle

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



000C56



4D0023



002200



00240C

Sweetspot

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



000C56



4F5370



005649



242738



B8B8B8



383838

Same Dimension

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



000C56



001070



1E0056



27282B



000F6B



0021EB

Inverse Universe

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



56000C



700010



385600



2B2728



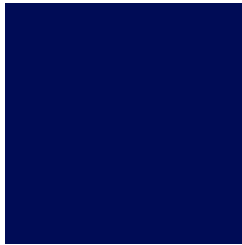
6B000F



EB0021

Previews

White Background



This preview shows how the Hex color 000C56 looks on a white background.

Color Contrast Check

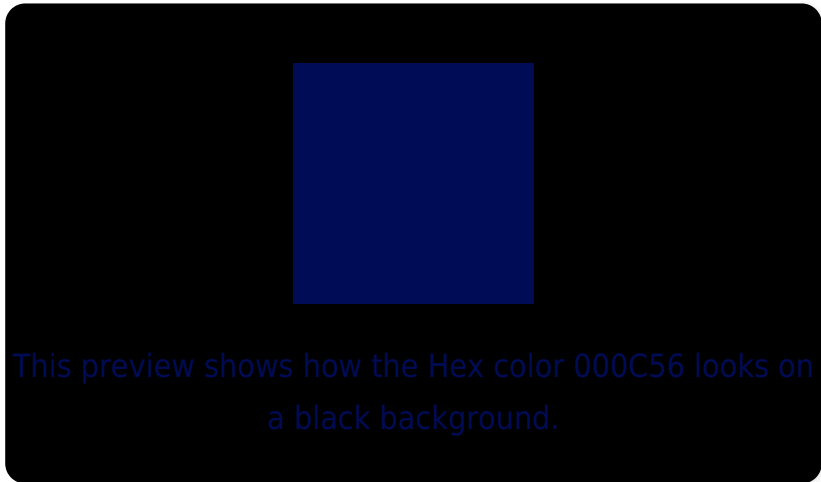
Large Text (above 18pt) WCAG AA ✓ Pass

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

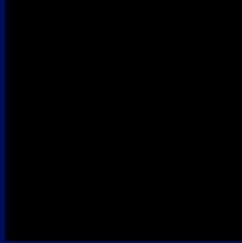
Any Text WCAG AA × Fail

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 000C56 Background



This preview shows how black text looks on a background with the Hex color 000C56.



This preview shows how white text looks on a background with the Hex color 000C56.

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
000C56

Protanopia
001B38

Deuteranopia
001C2F



Tritanopia
001F20

Trichromacy



Original Color

00C56

Protanomaly

001643

Deuteranomaly

00163D

Tritanomaly

001834

Monochromacy



Original Color

00C56

Achromatopsia

111111

Achromatomaly

0B0F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C56 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 #000C56 looks like.

```
.text, #text, p{  
    color:#000C56  
}
```

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 #000C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C56
}
```

Border

The CSS property to change the border of an element to Hex 000C56 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
#000C56 }
```

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

```
.border{ border-color:#000C56 }
```

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

Here you see how a box with a 4 pixel #000C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C56; -webkit-box-shadow:4px 4px  
4px 4px #000C56; box-shadow:4px 4px 4px  
4px #000C56 }
```

Background

The CSS property to change the background color of an element to Hex 000C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C56 }
```

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

```
.background{ background-color:#000C56 }
```

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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