

Converting Colors

Hex(000733)

Have a look what the booklet for
Hex(000733) contains.

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Color

Hex(000733)

Conversions

Conversions Part 1

Format	Color
Hex	000733
RGB	0, 7, 51
RGB Percent	0%, 3%, 20%
CMY	1.0000, 0.9725, 0.8000
CMYK	1.00, 0.86, 0.00, 0.80
HSL	232°, 100%, 10%
HSV	232°, 100%, 20%
XYZ	0.6735, 0.3910, 3.1719
YIQ	9.9230, -18.2960, 12.2000

Conversions

Conversions Part 2

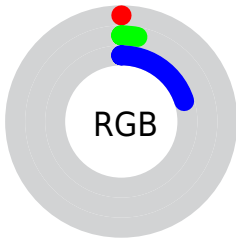
Format	Color
RYB	0, 6, 51
Decimal	1843
CIELab	3.53, 12.37, -27.86
CIElCh	4, 30.485, 293.934
Yxy	0.3910, 0.1590, 0.0923
Android (android.graphics.Color)	4278191923 (0xFF000733)
YUV	9.9230, 20.2510, -8.7025
Hunter-Lab	6.2528, 8.2848, -25.6998

Details

The Hex color **000733** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **332C00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **303462**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000733**, and if you desaturate by 10%, it is **050B33**.

Distribution



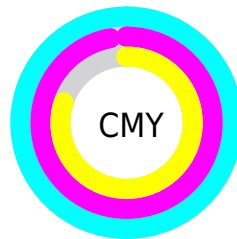
- Red (0%)
- Green (3%)
- Blue (20%)



- Red (0%)
- Yellow (2%)
- Blue (20%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000733 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 000733 by changing the saturation by 10% instead.

■ 000733

■ 000733

■ E9E7FF

■ 00021D

■ 303462

■ 000000

■ 484A7B

■ 626295

■ 7B7BB0

■ 9695CB

■ B1AFE8

■ CDCBFF

■ 000733

■ 050B33

■ 0A1033

■ 0F1433

■ 141933

■ 1A1D33

■ 1F2133

■ 242633

■ 292A33

■ 2E2F33

Harmonies

Analogous

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



001236



000733



230026

Triad

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



000733



270000



001504

Complementary

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



000733



332C00

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.



001500



000733



170A00

Square

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



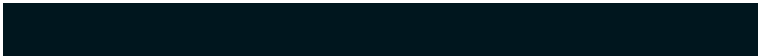
000733



2F0000



001300



00161E

Rectangle

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



000733



2C001A



001300



001500

Sweetspot

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



000733



2E3142



00332B



151721



A1A1A1



212121

Same Dimension

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



000733



000942



120033



17171A



000C59



001ED9

Inverse Universe

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



330007



420009



213300



1A1717



59000C



D9001E

Previews

White Background



This preview shows how the Hex color 000733 looks on a white background.

Color Contrast Check

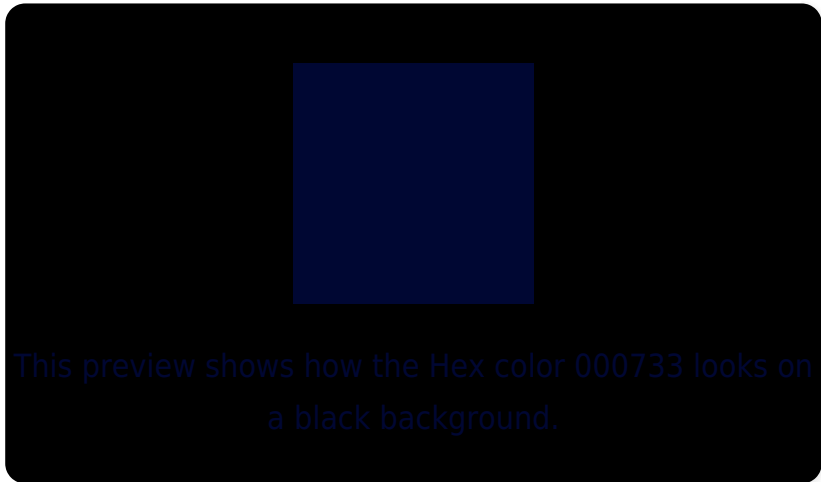
Large Text (above 18pt) WCAG AA ✓ Pass

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

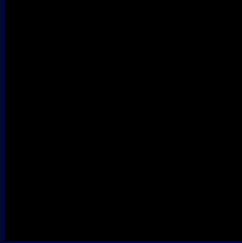
Any Text WCAG AA × Fail

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 000733 Background



This preview shows how black text looks on a background with the Hex color 000733.



This preview shows how white text looks on a background with the Hex color 000733.

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
000733

Protanopia
001021

Tritanopia
001213

Trichromacy



Original Color
000733

Protanomaly
000D28

Tritanomaly
000E1F

Monochromacy



Original Color
000733

Achromatopsia
0A0A0A

Achromatomaly
060919

CSS Examples

Text

The CSS property to change the color of the text to Hex 000733 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 #000733 looks like.

```
.text, #text, p{  
    color:#000733  
}
```

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 #000733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000733
}
```

Border

The CSS property to change the border of an element to Hex 000733 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
#000733 }
```

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

```
.border{ border-color:#000733 }
```

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

Here you see how a box with a 4 pixel #000733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000733; -webkit-box-shadow:4px 4px  
4px 4px #000733; box-shadow:4px 4px 4px  
4px #000733 }
```

Background

The CSS property to change the background color of an element to Hex 000733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000733 }
```

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

```
.background{ background-color:#000733 }
```

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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