

# Converting Colors

Hex(000443)

Have a look what the booklet for  
Hex(000443) contains.

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# Color

**Hex(000443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000443
RGB	0, 4, 67
RGB Percent	0%, 2%, 26%
CMY	1.0000, 0.9843, 0.7373
CMYK	1.00, 0.94, 0.00, 0.74
HSL	236°, 100%, 13%
HSV	236°, 100%, 26%
XYZ	1.0565, 0.4921, 5.3495
YIQ	9.9860, -22.6070, 18.7450

# Conversions

## Conversions Part 2

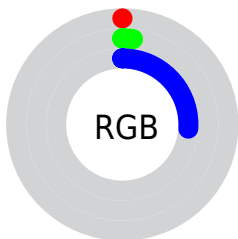
Format	Color
<a href="#">RYB</a>	<a href="#">0, 4, 67</a>
Decimal	<a href="#">1091</a>
CIELab	<a href="#">4.44, 23.46, -38.00</a>
CIELCh	<a href="#">4, 44.661, 301.693</a>
Yxy	<a href="#">0.4921, 0.1532, 0.0713</a>
Android (android.graphics.Color)	<a href="#">4278191171 (0xFF000443)</a>
YUV	<a href="#">9.9860, 28.1079, -8.7577</a>
Hunter-Lab	<a href="#">7.0148, 14.6087, -40.3039</a>

# Details

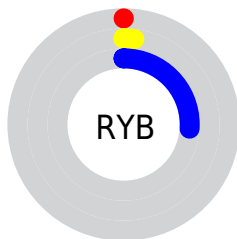
The Hex color **000443** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **433F00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **393074**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **000443**, and if you desaturate by 10%, it is **070A43**.

# Distribution



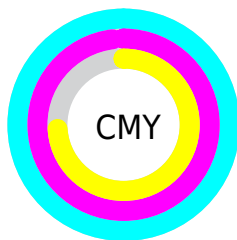
- Red (0%)
- Green (2%)
- Blue (26%)



- Red (0%)
- Yellow (2%)
- Blue (26%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (98%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 000443 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 000443 by changing the saturation by 10% instead.



000443

000443

F8E3FF

00032C

393074

000116

53478E

000000

6D5EA9

8777C4

A291E0

BEACFD

DBC7FF

000443

■ 070A43

■ 0D1143

■ 141743

■ 1B1D43

■ 222443

■ 282A43

■ 2F3043

■ 363643

■ 3C3D43

# Harmonies

## Analogous

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



00154C



000443



31002D

# Triad

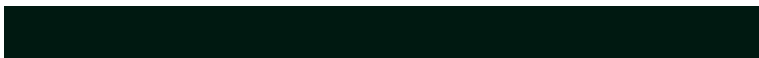
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000443



2B0000



001911

# Complementary

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



000443



433F00

# 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.



001800



000443



131000

# Square

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



000443



3A0000



001800



001A2F

# Rectangle

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



000443



3C001A



001800



# Sweetspot

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



000443



3D3E57



00433F



1C1D2B



ABABAB



2B2B2B



# Same Dimension

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



000443



000557



1D0043



1E1E21



000661



000DE0



# Inverse Universe

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



430004



570005



264300



211E1E



610006

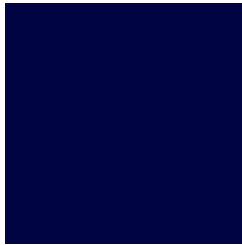


E0000D



# Previews

## White Background



This preview shows how the Hex color 000443 looks on a white background.

## Color Contrast Check

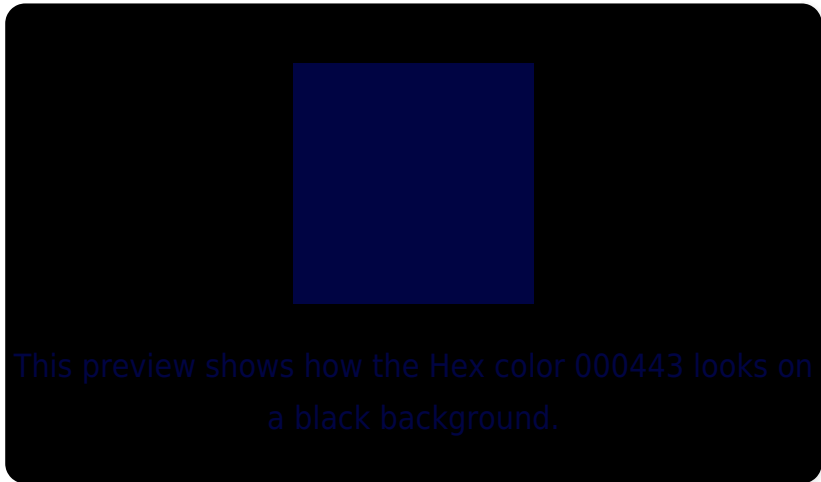
Large Text (above 18pt) WCAG AA ✓ Pass

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

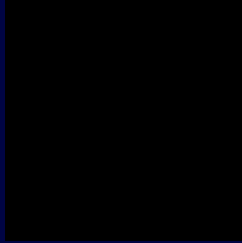
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 000443 Background



This preview shows how black text looks on a background with the Hex color 000443.



This preview shows how white text looks on a background with the Hex color 000443.

# 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**  
000443

**Protanopia**  
001429

**Deuteranopia**  
001523



**Tritanopia**  
001718

# Trichromacy



**Original Color**

000443

**Protanomaly**

000E32

**Deuteranomaly**

000F2F

**Tritanomaly**

001028

# Monochromacy



**Original Color**

000443

**Achromatopsia**

0A0A0A

**Achromatomaly**

06081F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000443 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 #000443 looks like.

```
.text, #text, p{  
    color:#000443  
}
```

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 #000443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000443
}
```

## Border

The CSS property to change the border of an element to Hex 000443 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
#000443 }
```

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

```
.border{ border-color:#000443 }
```

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

Here you see how a box with a 4 pixel #000443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000443; -webkit-box-shadow:4px 4px  
4px 4px #000443; box-shadow:4px 4px 4px  
4px #000443 }
```

# Background

The CSS property to change the background color of an element to Hex 000443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000443 }
```

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

```
.background{ background-color:#000443 }
```

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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