

Converting Colors

Hex(001143)

Have a look what the booklet for
Hex(001143) contains.

Hex(001143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(001143)

Conversions

Conversions Part 1

Format	Color
Hex	001143
RGB	0, 17, 67
RGB Percent	0%, 7%, 26%
CMY	1.0000, 0.9333, 0.7373
CMYK	1.00, 0.75, 0.00, 0.74
HSL	225°, 100%, 13%
HSV	225°, 100%, 26%
XYZ	1.2136, 0.8061, 5.4018
YIQ	17.6170, -26.1820, 11.9460

Conversions

Conversions Part 2

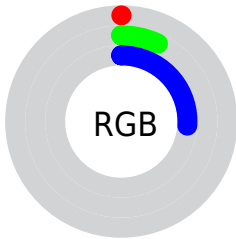
Format	Color
RYB	0, 14, 67
Decimal	4419
CIELab	7.28, 16.51, -33.35
CIELCh	7, 37.212, 296.340
Yxy	0.8061, 0.1635, 0.1086
Android (android.graphics.Color)	4278194499 (0xFF001143)
YUV	17.6170, 24.3458, -15.4501
Hunter-Lab	8.9786, 8.4141, -29.3860

Details

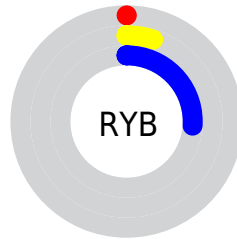
The Hex color **001143** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **433200**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **393A74**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **001143**, and if you desaturate by 10%, it is **071643**.

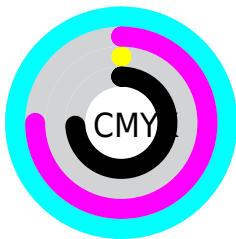
Distribution



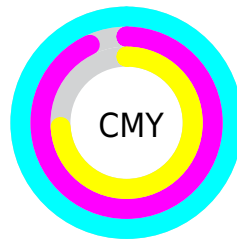
- Red (0%)
- Green (7%)
- Blue (26%)



- Red (0%)
- Yellow (5%)
- Blue (26%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001143 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 001143 by changing the saturation by 10% instead.

 001143

 001143

 F7EFFF

 00002C

 393A74

 000117

 52518E

 000000

 6C69A8

 8783C4

 A29DE0

 BDB8FD

 DAD3FF

 001143

■ 071643

■ 0D1B43

■ 142043

■ 1B2543

■ 222A43

■ 282F43

■ 2F3443

■ 363943

■ 3C3E43

Harmonies

Analogous

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



001B48



001143



2F0032

Triad

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



001143



310700



002112

Complementary

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



001143



433200

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.



002100



001143



201400

Square

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



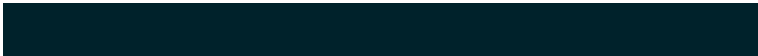
001143



3D0000



001C00



00222B

Rectangle

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



001143



3A0022



001C00



002104

Sweetspot

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



001143



3D4357



004331



1C202B



ABABAB



2B2B2B

Same Dimension

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



001143



001657



100043



1E1F21



001961



0039E0

Inverse Universe

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



430011



570016



334300



211E1F



610019



E00039

Previews

White Background



This preview shows how the Hex color 001143 looks on a white background.

Color Contrast Check

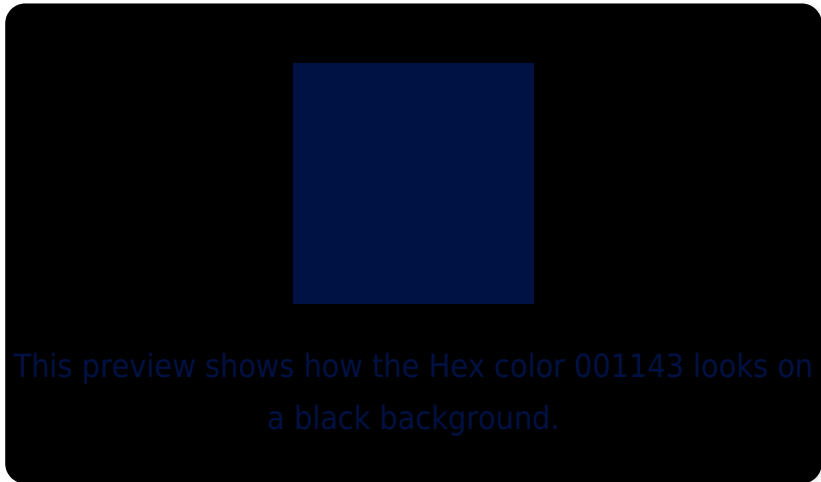
Large Text (above 18pt) WCAG AA ✓ Pass

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

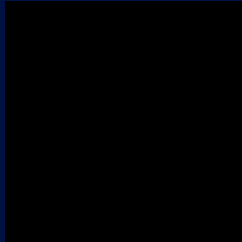
Any Text WCAG AA × Fail

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 001143 Background



This preview shows how black text looks on a background with the Hex color 001143.



This preview shows how white text looks on a background with the Hex color 001143.

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
001143

Protanopia
001731

Deuteranopia
00192A



Tritanopia
001B1C

Trichromacy



Original Color

001143

Protanomaly

001538

Deuteranomaly

001633

Tritanomaly

00172A

Monochromacy



Original Color

001143

Achromatopsia

121212

Achromatomaly

0B1224

CSS Examples

Text

The CSS property to change the color of the text to Hex 001143 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 #001143 looks like.

```
.text, #text, p{  
    color:#001143  
}
```

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 #001143 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001143
}
```

Border

The CSS property to change the border of an element to Hex 001143 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
#001143 }
```

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

```
.border{ border-color:#001143 }
```

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

Here you see how a box with a 4 pixel #001143 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001143; -webkit-box-shadow:4px 4px  
4px 4px #001143; box-shadow:4px 4px 4px  
4px #001143 }
```

Background

The CSS property to change the background color of an element to Hex 001143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001143 }
```

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

```
.background{ background-color:#001143 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor