

Converting Colors

Hex(000643)

Have a look what the booklet for
Hex(000643) contains.

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Color

Hex(000643)

Conversions

Conversions Part 1

Format	Color
Hex	000643
RGB	0, 6, 67
RGB Percent	0%, 2%, 26%
CMY	1.0000, 0.9765, 0.7373
CMYK	1.00, 0.91, 0.00, 0.74
HSL	235°, 100%, 13%
HSV	235°, 100%, 26%
XYZ	1.0782, 0.5355, 5.3567
YIQ	11.1600, -23.1570, 17.6990

Conversions

Conversions Part 2

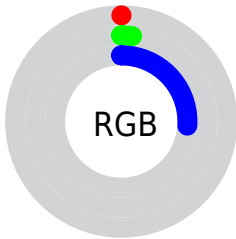
Format	Color
RYB	0, 6, 67
Decimal	1603
CIELab	4.84, 22.53, -37.36
CIELCh	5, 43.627, 301.096
Yxy	0.5355, 0.1547, 0.0768
Android (android.graphics.Color)	4278191683 (0xFF000643)
YUV	11.1600, 27.5291, -9.7873
Hunter-Lab	7.3178, 13.4952, -38.2788

Details

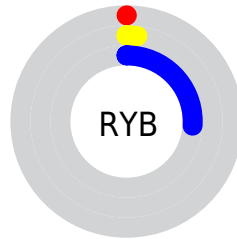
The Hex color **000643** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **433D00**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **393174**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **000643**, and if you desaturate by 10%, it is **070C43**.

Distribution



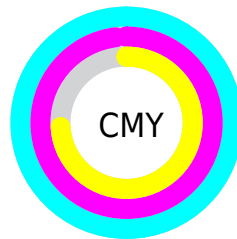
- Red (0%)
- Green (2%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000643 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 000643 by changing the saturation by 10% instead.

000643

000643

F8E5FF

00032C

393174

000116

53488E

000000

6D60A9

8779C4

A293E0

BEADFD

DBC9FF

000643

■ 070C43

■ 0D1243

■ 141843

■ 1B1E43

■ 222543

■ 282B43

■ 2F3143

■ 363743

■ 3C3D43

Harmonies

Analogous

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



00164C



000643



31002D

Triad

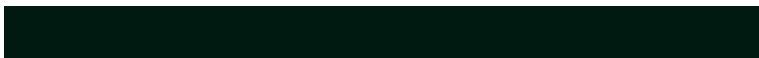
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000643



2C0000



001A11

Complementary

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



000643



433D00

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.



001A00



000643



151000

Square

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



000643



3A0000



001A00



001B2E

Rectangle

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



000643



3B001B



001A00

Sweetspot

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



000643



3D3F57



00433C



1C1D2B



ABABAB



2B2B2B

Same Dimension

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



000643



000857



1B0043



1E1E21



000961



0014E0

Inverse Universe

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



430006



570008



284300



211E1E



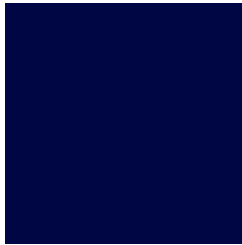
610009



E00014

Previews

White Background



This preview shows how the Hex color 000643 looks on a white background.

Color Contrast Check

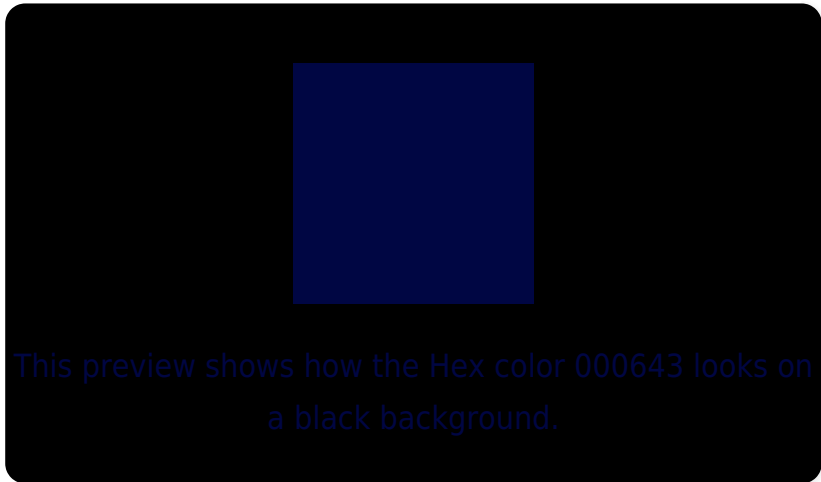
Large Text (above 18pt) WCAG AA ✓ Pass

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

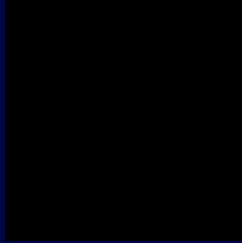
Any Text WCAG AA × Fail

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 000643 Background



This preview shows how black text looks on a background with the Hex color 000643.



This preview shows how white text looks on a background with the Hex color 000643.

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
000643

Protanopia
00142A

Deuteranopia
001524



Tritanopia
001718

Trichromacy



Original Color

000643

Protanomaly

000F33

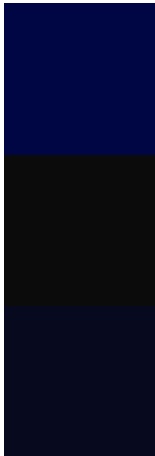
Deuteranomaly

00102F

Tritanomaly

001128

Monochromacy



Original Color

000643

Achromatopsia

0B0B0B

Achromatomaly

07091F

CSS Examples

Text

The CSS property to change the color of the text to Hex 000643 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 #000643 looks like.

```
.text, #text, p{  
    color:#000643  
}
```

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 #000643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000643
}
```

Border

The CSS property to change the border of an element to Hex 000643 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
#000643 }
```

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

```
.border{ border-color:#000643 }
```

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

Here you see how a box with a 4 pixel #000643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000643; -webkit-box-shadow:4px 4px  
4px 4px #000643; box-shadow:4px 4px 4px  
4px #000643 }
```

Background

The CSS property to change the background color of an element to Hex 000643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000643 }
```

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

```
.background{ background-color:#000643 }
```

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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