

Converting Colors

Hex(001744)

Have a look what the booklet for
Hex(001744) contains.

Hex(001744)	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(001744)

Conversions

Conversions Part 1

Format	Color
Hex	001744
RGB	0, 23, 68
RGB Percent	0%, 9%, 27%
CMY	1.0000, 0.9098, 0.7333
CMYK	1.00, 0.66, 0.00, 0.73
HSL	220°, 100%, 13%
HSV	220°, 100%, 27%
XYZ	1.3498, 1.0301, 5.5965
YIQ	21.2530, -28.1530, 9.1190

Conversions

Conversions Part 2

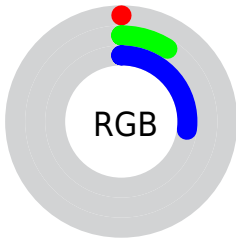
Format	Color
RYB	0, 17, 68
Decimal	5956
CIELab	9.24, 12.29, -30.84
CIELCh	9, 33.202, 291.722
Yxy	1.0301, 0.1692, 0.1291
Android (android.graphics.Color)	4278196036 (0xFF001744)
YUV	21.2530, 23.0463, -18.6389
Hunter-Lab	10.1496, 5.9766, -25.5880

Details

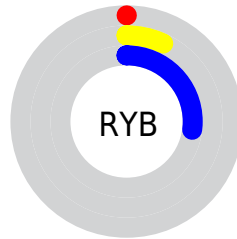
The Hex color **001744** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **442D00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **394175**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **001744**, and if you desaturate by 10%, it is **071C44**.

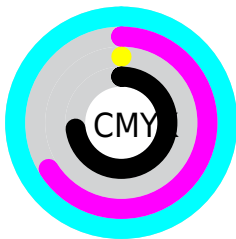
Distribution



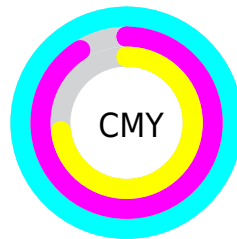
- Red (0%)
- Green (9%)
- Blue (27%)



- Red (0%)
- Yellow (7%)
- Blue (27%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001744 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 001744 by changing the saturation by 10% instead.

 001744

 001744

 F6F8FF

 00002E

 394175

 000118

 52588F

 000000

 6C71A9

 868AC5

 A1A4E1

 BDBFFD

 D9DBFF

 001744

■ 071C44

■ 0E2044

■ 142544

■ 1B2944

■ 222E44

■ 293244

■ 303744

■ 363B44

■ 3D4044

Harmonies

Analogous

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



001F47



001744



2D0936

Triad

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



001744



360B00



002412

Complementary

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



001744



442D00

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.



002200



001744



271700

Square

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



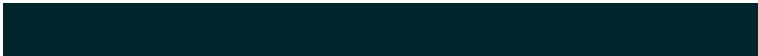
001744



3F0006



121E00



00252A

Rectangle

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



001744



390028



121E00



002407

Sweetspot

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



001744



3E4859



00442C



1D232E



ADADAD



2E2E2E

Same Dimension

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



001744



001E59



0A0044



1E1F21



002161



004CE0

Inverse Universe

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



440017



59001E



3A4400



211E1F



610021



E0004C

Previews

White Background



This preview shows how the Hex color 001744 looks on a white background.

Color Contrast Check

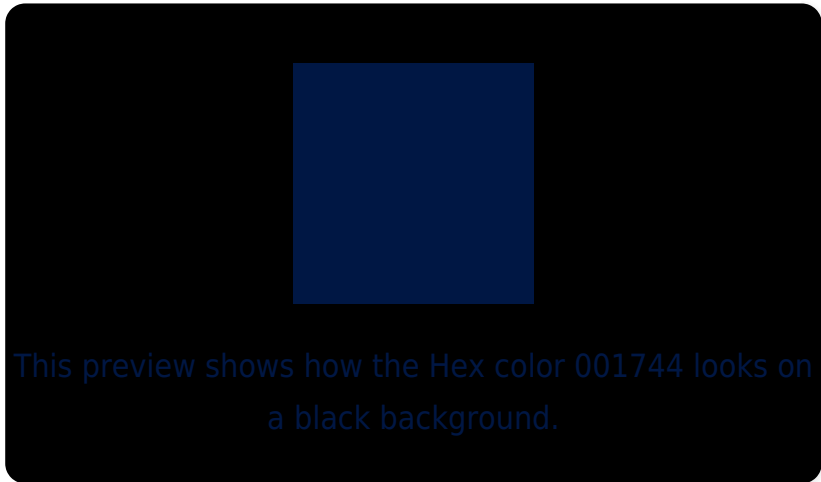
Large Text (above 18pt) WCAG AA ✓ Pass

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

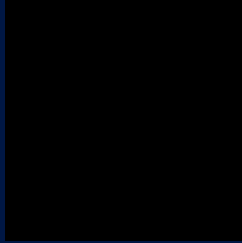
Any Text WCAG AA × Fail

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 001744 Background



This preview shows how black text looks on a background with the Hex color 001744.



This preview shows how white text looks on a background with the Hex color 001744.

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

001744

Protanopia

001B38

Deuteranopia

001C30

Trichromacy



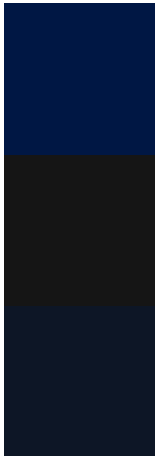
Original Color
001744

Protanomaly
001A3C

Deuteranomaly
001A37

Tritanomaly
001C2D

Monochromacy



Original Color
001744

Achromatopsia
151515

Achromatomaly
0D1626

CSS Examples

Text

The CSS property to change the color of the text to Hex 001744 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 #001744 looks like.

```
.text, #text, p{  
    color:#001744  
}
```

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 #001744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001744
}
```

Border

The CSS property to change the border of an element to Hex 001744 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
#001744 }
```

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

```
.border{ border-color:#001744 }
```

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

Here you see how a box with a 4 pixel #001744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001744; -webkit-box-shadow:4px 4px  
4px 4px #001744; box-shadow:4px 4px 4px  
4px #001744 }
```

Background

The CSS property to change the background color of an element to Hex 001744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001744 }
```

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

```
.background{ background-color:#001744 }
```

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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