

Converting Colors

Hex(000748)

Have a look what the booklet for
Hex(000748) contains.

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Color

Hex(000748)

Conversions

Conversions Part 1

Format	Color
Hex	000748
RGB	0, 7, 72
RGB Percent	0%, 3%, 28%
CMY	1.0000, 0.9725, 0.7176
CMYK	1.00, 0.90, 0.00, 0.72
HSL	234°, 100%, 14%
HSV	234°, 100%, 28%
XYZ	1.2457, 0.6198, 6.1849
YIQ	12.3170, -25.0370, 18.7310

Conversions

Conversions Part 2

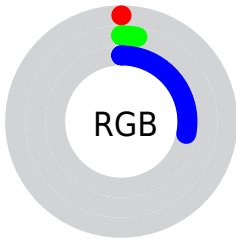
Format	Color
RYB	0, 6, 72
Decimal	1864
CIELab	5.60, 24.79, -39.64
CIELCh	6, 46.753, 302.016
Yxy	0.6198, 0.1547, 0.0770
Android (android.graphics.Color)	4278191944 (0xFF000748)
YUV	12.3170, 29.4237, -10.8020
Hunter-Lab	7.8730, 14.4649, -41.0661

Details

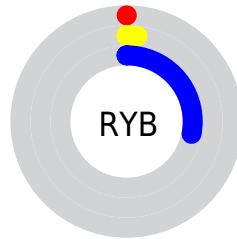
The Hex color **000748** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **484100**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3C3279**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **000748**, and if you desaturate by 10%, it is **070E48**.

Distribution



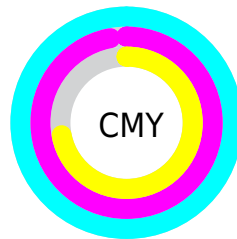
- Red (0%)
- Green (3%)
- Blue (28%)



- Red (0%)
- Yellow (2%)
- Blue (28%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (97%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000748 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 000748 by changing the saturation by 10% instead.

 000748

 000748

 FCE6FF

 000031

 3C3279

 00011B

 564994

 000000

 7060AF

 8B79CA

 A693E7

 C2AEFF

 DFC9FF

 000748

■ 070E48

■ 0E1448

■ 161B48

■ 1D2148

■ 242848

■ 2B2E48

■ 323548

■ 3A3B48

■ 414248

Harmonies

Analogous

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



001852



000748



350030

Triad

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



000748



2F0100



001D14

Complementary

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



000748



484100

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.



001C00



000748



161300

Square

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



000748



3E0000



001C00



001E33

Rectangle

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



000748



40001C



001C00



001C04

Sweetspot

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



000748



42455E



004841



1F2130



B0B0B0



303030

Same Dimension

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



000748



00095E



1D0048



202024



000A63



0016E3

Inverse Universe

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



480007



5E0009



2B4800



242020



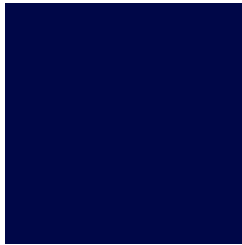
63000A



E30016

Previews

White Background



This preview shows how the Hex color 000748 looks on a white background.

Color Contrast Check

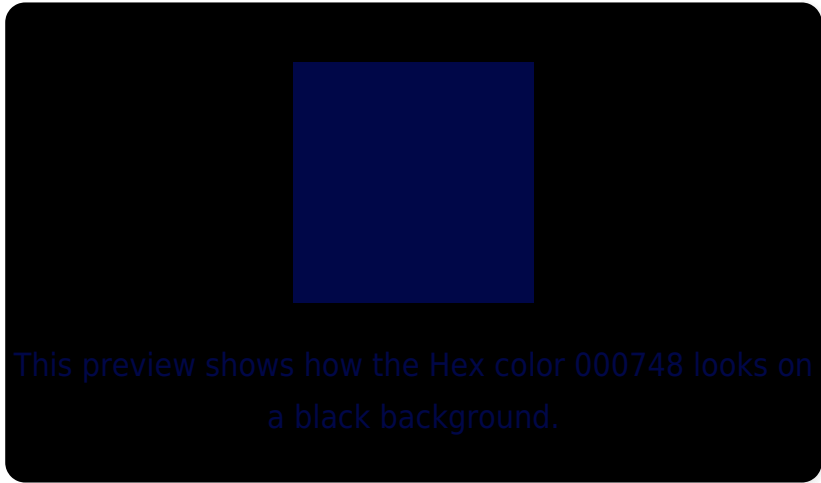
Large Text (above 18pt) WCAG AA ✓ Pass

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

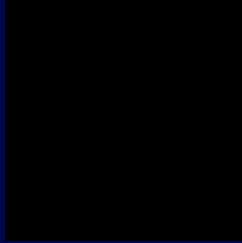
Any Text WCAG AA × Fail

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 000748 Background



This preview shows how black text looks on a background with the Hex color 000748.



This preview shows how white text looks on a background with the Hex color 000748.

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
000748

Protanopia
00162D

Deuteranopia
001726



Tritanopia
00191A

Trichromacy



Original Color

00748

Protanomaly

001137

Deuteranomaly

001132

Tritanomaly

00122B

Monochromacy



Original Color

00748

Achromatopsia

0C0C0C

Achromatomaly

080A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 000748 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 #000748 looks like.

```
.text, #text, p{  
    color:#000748  
}
```

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 #000748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000748
}
```

Border

The CSS property to change the border of an element to Hex 000748 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
#000748 }
```

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

```
.border{ border-color:#000748 }
```

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

Here you see how a box with a 4 pixel #000748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000748; -webkit-box-shadow:4px 4px  
4px 4px #000748; box-shadow:4px 4px 4px  
4px #000748 }
```

Background

The CSS property to change the background color of an element to Hex 000748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000748 }
```

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

```
.background{ background-color:#000748 }
```

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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