

Converting Colors

Hex(0C1744)

Have a look what the booklet for
Hex(0C1744) contains.

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Color

Hex(0C1744)

Conversions

Conversions Part 1

Format	Color
Hex	0C1744
RGB	12, 23, 68
RGB Percent	5%, 9%, 27%
CMY	0.9529, 0.9098, 0.7333
CMYK	0.82, 0.66, 0.00, 0.73
HSL	228°, 70%, 16%
HSV	228°, 82%, 27%
XYZ	1.5014, 1.1083, 5.6036
YIQ	24.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

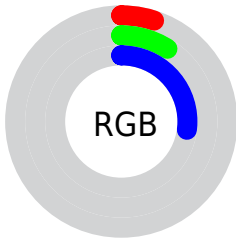
Format	Color
RYB	12, 21, 68
Decimal	792388
CIELab	9.86, 13.98, -29.80
CIELCh	10, 32.917, 295.127
Yxy	1.1083, 0.1828, 0.1349
Android (android.graphics.Color)	4278982468 (0xFF0C1744)
YUV	24.8410, 21.2774, -11.2616
Hunter-Lab	10.5276, 7.0335, -24.1895

Details

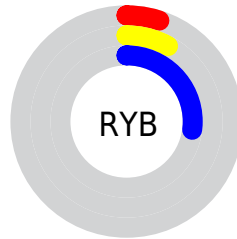
The Hex color **0C1744** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **44390C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **404175**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **051244**, and if you desaturate by 10%, it is **131C44**.

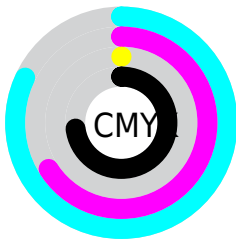
Distribution



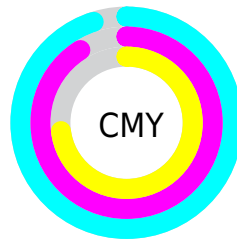
- Red (5%)
- Green (9%)
- Blue (27%)



- Red (5%)
- Yellow (8%)
- Blue (27%)



- Cyan (82%)
- Magenta (66%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1744 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 0C1744 by changing the saturation by 10% instead.

■ 0C1744

■ 0C1744

■ FDF8FF

■ 00002E

■ 404175

■ 000118

■ 59598F

■ 000000

■ 7371A9

■ 8D8AC5

■ A8A5E1

■ C4C0FD

■ E0DCFF

■ 0C1744

■ 0C1744

■ 051244

■ 131C44

■ 000D44

■ 1A2244

■ 202744

■ 272D44

■ 2E3244

■ 353844

■ 3C3D44

■ 424344

■ 494844

Harmonies

Analogous

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



001F48



0C1744



310935

Triad

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



0C1744



360E00



002517

Complementary

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



0C1744



44390C

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.



002300



0C1744



261900

Square

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



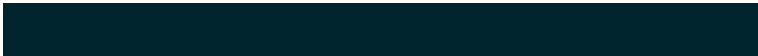
0C1744



400004



111F00



00252E

Rectangle

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



0C1744



3C0027



111F00



00250E

Sweetspot

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



0C1744



434759



0C4439



20232E



ADADAD



2E2E2E

Same Dimension

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



0C1744



011259



1D0C44



1E1E21



001361



002CE0

Inverse Universe

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



440C17



590112



33440C



211E1E



610013



E0002C

Previews

White Background



This preview shows how the Hex color 0C1744 looks on a white background.

Color Contrast Check

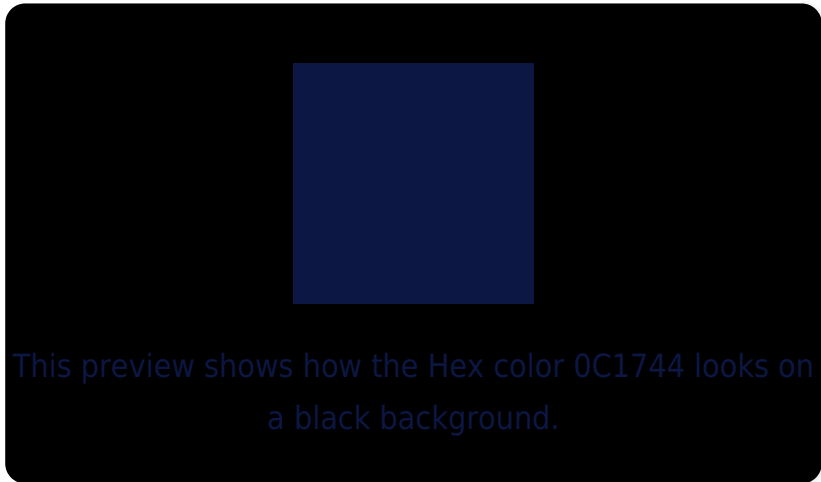
Large Text (above 18pt) WCAG AA ✓ Pass

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

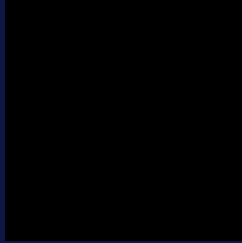
Any Text WCAG AA × Fail

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 0C1744 Background



This preview shows how black text looks on a background with the Hex color 0C1744.



This preview shows how white text looks on a background with the Hex color 0C1744.

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
0C1744

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
001F21

Trichromacy



Original Color
0C1744

Protanomaly
041A3D

Deuteranomaly
041B38

Tritanomaly
041C2E

Monochromacy



Original Color
0C1744

Achromatopsia
191919

Achromatomaly
141829

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1744 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 #0C1744 looks like.

```
.text, #text, p{  
    color:#0C1744  
}
```

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 #0C1744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1744
}
```

Border

The CSS property to change the border of an element to Hex 0C1744 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
#0C1744 }
```

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

```
.border{ border-color:#0C1744 }
```

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

Here you see how a box with a 4 pixel #0C1744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1744; -webkit-box-shadow:4px 4px  
4px 4px #0C1744; box-shadow:4px 4px 4px  
4px #0C1744 }
```

Background

The CSS property to change the background color of an element to Hex 0C1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1744 }
```

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

```
.background{ background-color:#0C1744 }
```

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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