

Converting Colors

Hex(0C3974)

Have a look what the booklet for
Hex(0C3974) contains.

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Color

Hex(0C3974)

Conversions

Conversions Part 1

Format	Color
Hex	0C3974
RGB	12, 57, 116
RGB Percent	5%, 22%, 45%
CMY	0.9529, 0.7765, 0.5451
CMYK	0.90, 0.51, 0.00, 0.55
HSL	214°, 81%, 25%
HSV	214°, 90%, 45%
XYZ	4.7671, 4.2654, 17.0950
YIQ	50.2710, -45.7590, 8.8090

Conversions

Conversions Part 2

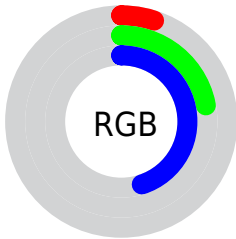
Format	Color
R_{YB}	12, 43, 116
Decimal	801140
CIE _{Lab}	24.53, 9.69, -38.02
CIE _{LCh}	25, 39.232, 284.306
Yxy	4.2654, 0.1825, 0.1633
Android (android.graphics.Color)	4278991220 (0xFF0C3974)
YUV	50.2710, 32.4044, -33.5637
Hunter-Lab	20.6528, 5.0595, -34.6195

Details

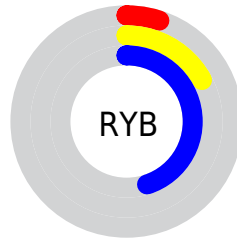
The Hex color **0C3974** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74470C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4D67A9**, and **000F43** is the 20% darker color. If you saturate the color by 10%, you get **003274**, and if you desaturate by 10%, it is **184074**.

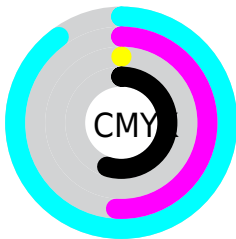
Distribution



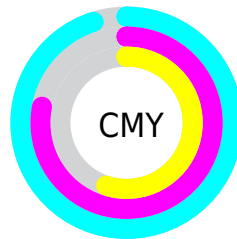
- Red (5%)
- Green (22%)
- Blue (45%)



- Red (5%)
- Yellow (17%)
- Blue (45%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3974 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 0C3974 by changing the saturation by 10% instead.

 0C3974

 0C3974

FFFFFF

 00245B

 4D67A9

 000F43

 6880C4

 00032C

 849AE0

 000117

 9FB5FD

 000000

 BCD0FF

 D8EDFF

 F6FFFF

 0C3974

 0C3974

■ 003274

■ 184074

■ 234674

■ 2F4D74

■ 3A5374

■ 465A74

■ 526074

■ 5D6774

■ 696E74

■ 747474

Harmonies

Analogous

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



004273



0C3974



4D2B65

Triad

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



0C3974



672612



004729

Complementary

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



0C3974



74470C

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.



16430A



0C3974



543300

Square

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



0C3974



6E1A2D



3B3D00



004848

Rectangle

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



0C3974



612154



3B3D00



00461F

Sweetspot

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



0C3974



6E7F96



0C7447



343F4D



CCCCCC



4D4D4D

Same Dimension

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



0C3974



004196



130C74



35373B



00357A



006CFA

Inverse Universe

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



740C39



960041



6D740C



3B3537



7A0035



FA006C

Previews

White Background



This preview shows how the Hex color 0C3974 looks on a white background.

Color Contrast Check

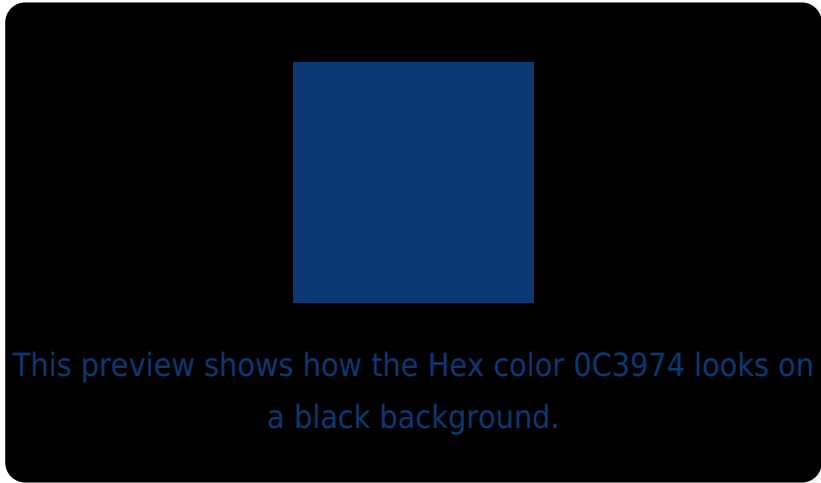
Large Text (above 18pt) WCAG AA ✓ Pass

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

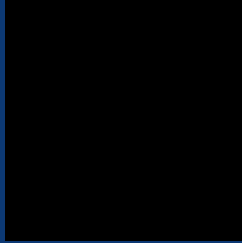
Any Text WCAG AA × Fail

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 0C3974 Background



This preview shows how black text looks on a background with the Hex color 0C3974.



This preview shows how white text looks on a background with the Hex color 0C3974.

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
0C3974

Protanopia
153873

Trichromacy



Original Color
0C3974

Protanomaly
123873

Monochromacy



Original Color
0C3974

Achromatopsia
323232

Achromatomaly
24354A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3974 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 #0C3974 looks like.

```
.text, #text, p{  
    color:#0C3974  
}
```

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 #0C3974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3974
}
```

Border

The CSS property to change the border of an element to Hex 0C3974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

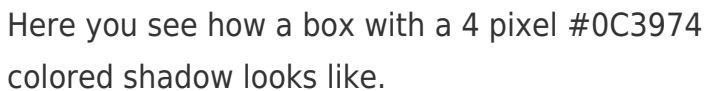
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C3974 }
```

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

```
.border{ border-color:#0C3974 }
```

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



Here you see how a box with a 4 pixel #0C3974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3974; -webkit-box-shadow:4px 4px  
4px 4px #0C3974; box-shadow:4px 4px 4px  
4px #0C3974 }
```

Background

The CSS property to change the background color of an element to Hex 0C3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3974 }
```

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

```
.background{ background-color:#0C3974 }
```

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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