

Converting Colors

Hex(0C3977)

Have a look what the booklet for
Hex(0C3977) contains.

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Color

Hex(0C3977)

Conversions

Conversions Part 1

Format	Color
Hex	0C3977
RGB	12, 57, 119
RGB Percent	5%, 22%, 47%
CMY	0.9529, 0.7765, 0.5333
CMYK	0.90, 0.52, 0.00, 0.53
HSL	215°, 82%, 26%
HSV	215°, 90%, 47%
XYZ	4.9445, 4.3363, 18.0292
YIQ	50.6130, -46.7220, 9.7420

Conversions

Conversions Part 2

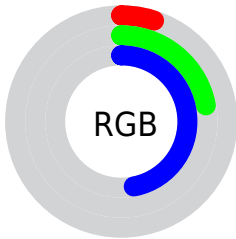
Format	Color
R_{YB}	12, 44, 119
Decimal	801143
CIE _{Lab}	24.75, 10.99, -39.56
CIE _{LCh}	25, 41.059, 285.525
Yxy	4.3363, 0.1811, 0.1588
Android (android.graphics.Color)	4278991223 (0xFF0C3977)
YUV	50.6130, 33.7148, -33.8636
Hunter-Lab	20.8238, 5.9422, -36.7562

Details

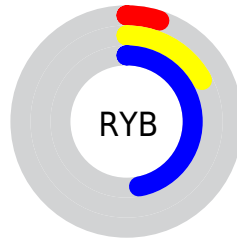
The Hex color **0C3977** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **774A0C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4E67AC**, and **000F46** is the 20% darker color. If you saturate the color by 10%, you get **003277**, and if you desaturate by 10%, it is **184077**.

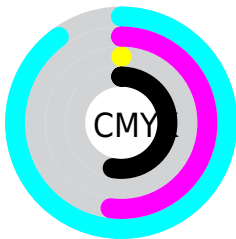
Distribution



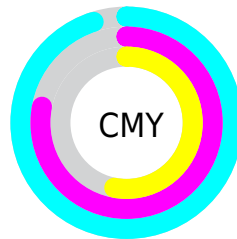
- Red (5%)
- Green (22%)
- Blue (47%)



- Red (5%)
- Yellow (17%)
- Blue (47%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3977 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 0C3977 by changing the saturation by 10% instead.

■ 0C3977

■ 0C3977

FFFFFF

■ 00245E

■ 4E67AC

■ 000F46

■ 6980C7

■ 00042F

■ 859AE4

■ 000119

■ A1B5FF

■ 000000

■ BDD0FF

■ DAEDFF

■ F7FFFF

■ 0C3977

■ 0C3977

■ 003277

■ 184077

■ 244777

■ 304E77

■ 3C5577

■ 475B77

■ 536277

■ 5F6977

■ 6B7077

■ 777777

Harmonies

Analogous

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



004377



0C3977



502A67

Triad

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



0C3977



68250F



00482A

Complementary

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



0C3977



774A0C

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.



114409



0C3977



553400

Square

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



0C3977



71182C



3A3E00



00494A

Rectangle

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



0C3977



641F55



3A3E00



00471F

Sweetspot

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



0C3977



72839C



0C7749



36404F



CFCFCF



4F4F4F

Same Dimension

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



0C3977



00419C



130C77



35373B



00337A



0069FA

Inverse Universe

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



770C39



9C0041



70770C



3B3537



7A0033



FA0069

Previews

White Background



This preview shows how the Hex color 0C3977 looks on a white background.

Color Contrast Check

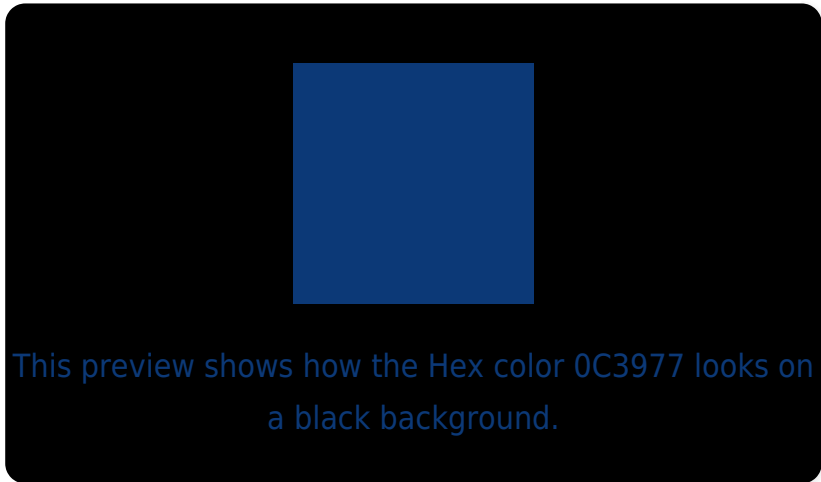
Large Text (above 18pt) WCAG AA ✓ Pass

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

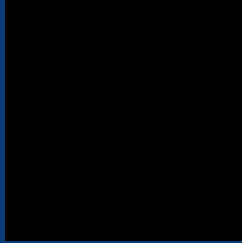
Any Text WCAG AA × Fail

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 0C3977 Background



This preview shows how black text looks on a background with the Hex color 0C3977.



This preview shows how white text looks on a background with the Hex color 0C3977.

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
0C3977

Protanopia
0F3977

Deuteranopia
003C69

Trichromacy



Original Color
0C3977

Protanomaly
0E3977

Deuteranomaly
043B6E

Tritanomaly
043F58

Monochromacy



Original Color
0C3977

Achromatopsia
333333

Achromatomaly
25354C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3977 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 #0C3977 looks like.

```
.text, #text, p{  
    color:#0C3977  
}
```

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 #0C3977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3977
}
```

Border

The CSS property to change the border of an element to Hex 0C3977 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
#0C3977 }
```

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

```
.border{ border-color:#0C3977 }
```

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

Here you see how a box with a 4 pixel #0C3977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3977; -webkit-box-shadow:4px 4px  
4px 4px #0C3977; box-shadow:4px 4px 4px  
4px #0C3977 }
```

Background

The CSS property to change the background color of an element to Hex 0C3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3977 }
```

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

```
.background{ background-color:#0C3977 }
```

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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