

Converting Colors

Hex(0C3042)

Have a look what the booklet for
Hex(0C3042) contains.

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Color

Hex(0C3042)

Conversions

Conversions Part 1

Format	Color
Hex	0C3042
RGB	12, 48, 66
RGB Percent	5%, 19%, 26%
CMY	0.9529, 0.8118, 0.7412
CMYK	0.82, 0.27, 0.00, 0.74
HSL	200°, 69%, 15%
HSV	200°, 82%, 26%
XYZ	2.1919, 2.5854, 5.5378
YIQ	39.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

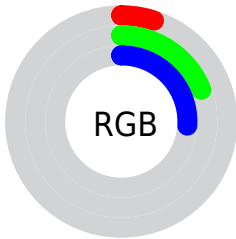
Format	Color
R_YB	12, 34, 66
Decimal	798786
CIE Lab	18.30, -5.53, -14.96
CIE LCh	18, 15.950, 249.725
Yxy	2.5854, 0.2125, 0.2506
Android (android.graphics.Color)	4278988866 (0xFF0C3042)
YUV	39.2880, 13.1690, -23.9316
Hunter-Lab	16.0792, -3.8053, -9.1643

Details

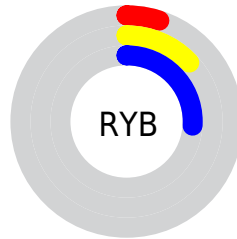
The Hex color **0C3042** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **421E0C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3F5E72**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **052E42**, and if you desaturate by 10%, it is **133242**.

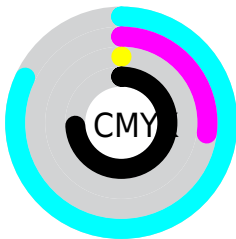
Distribution



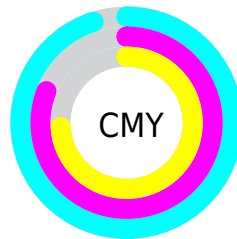
- Red (5%)
- Green (19%)
- Blue (26%)



- Red (5%)
- Yellow (13%)
- Blue (26%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (74%)



- Cyan (95%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3042 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 0C3042 by changing the saturation by 10% instead.

 0C3042

 0C3042

 FBFFFF

 001B2C

 3F5E72

 000118

 58778C

 000000

 7190A6

 8BABC1

 A6C6DD

 C2E2FA

 DEFFFF

 0C3042

 0C3042

■ 052E42

■ 133242

■ 002C42

■ 193442

■ 203742

■ 263942

■ 2D3B42

■ 343D42

■ 3A3F42

■ 414242

■ 474442

Harmonies

Analogous

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



00323B



0C3042



222D43

Triad

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



0C3042



432429



24301B

Complementary

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



0C3042



421E0C

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.



302D16



0C3042



41251E

Square

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



0C3042



3E2535



3B2917



153224

Rectangle

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



0C3042



2E2A41



3B2917



282F18

Sweetspot

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



0C3042



414F57



0C421E



1E272B



ABABAB



2B2B2B

Same Dimension

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



0C3042



023A57



0C1542



1E2021



004161



0096E0

Inverse Universe

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



420C30



57023A



42390C



211E20



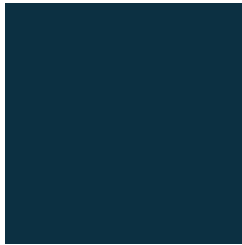
610041



E00096

Previews

White Background



This preview shows how the Hex color 0C3042 looks on a white background.

Color Contrast Check

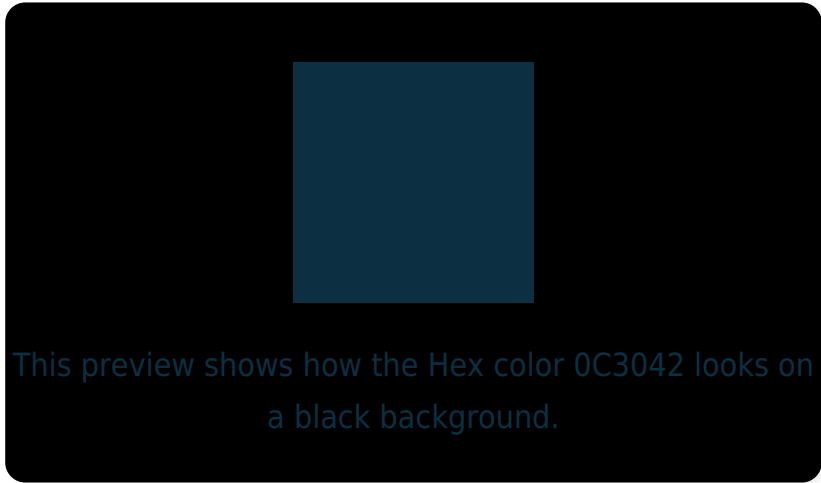
Large Text (above 18pt) WCAG AA ✓ Pass

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

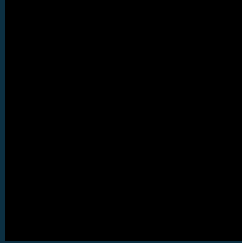
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

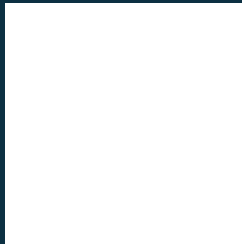
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C3042 Background



This preview shows how black text looks on a background with the Hex color 0C3042.



This preview shows how white text looks on a background with the Hex color 0C3042.

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
0C3042

Protanopia
272C3F

Deuteranopia
232D43

Trichromacy



Original Color

0C3042

Protanomaly

1D2D40

Deuteranomaly

1B2E43

Tritanomaly

04313A

Monochromacy



Original Color

0C3042

Achromatopsia

272727

Achromatomaly

1D2A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3042 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 #0C3042 looks like.

```
.text, #text, p{  
    color:#0C3042  
}
```

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 #0C3042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3042
}
```

Border

The CSS property to change the border of an element to Hex 0C3042 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
#0C3042 }
```

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

```
.border{ border-color:#0C3042 }
```

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

Here you see how a box with a 4 pixel #0C3042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3042; -webkit-box-shadow:4px 4px  
4px 4px #0C3042; box-shadow:4px 4px 4px  
4px #0C3042 }
```

Background

The CSS property to change the background color of an element to Hex 0C3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3042 }
```

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

```
.background{ background-color:#0C3042 }
```

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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