

Converting Colors

Hex(0C2E74)

Have a look what the booklet for
Hex(0C2E74) contains.

Hex(0C2E74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C2E74)

Conversions

Conversions Part 1

Format	Color
Hex	0C2E74
RGB	12, 46, 116
RGB Percent	5%, 18%, 45%
CMY	0.9529, 0.8196, 0.5451
CMYK	0.90, 0.60, 0.00, 0.55
HSL	220°, 81%, 25%
HSV	220°, 90%, 45%
XYZ	4.2810, 3.2931, 16.9330
YIQ	43.8140, -42.7340, 14.5620

Conversions

Conversions Part 2

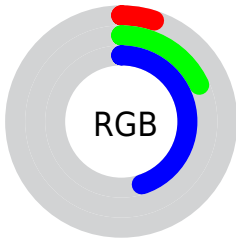
Format	Color
R_{YB}	12, 38, 116
Decimal	798324
CIE _{Lab}	21.18, 17.63, -43.45
CIE _{LCh}	21, 46.889, 292.091
Yxy	3.2931, 0.1747, 0.1344
Android (android.graphics.Color)	4278988404 (0xFF0C2E74)
YUV	43.8140, 35.5877, -27.9009
Hunter-Lab	18.1469, 10.3524, -42.6210

Details

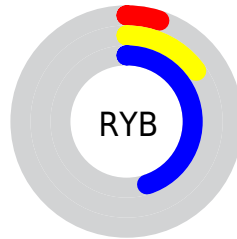
The Hex color **0C2E74** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74520C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4E5BA9**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **002674**, and if you desaturate by 10%, it is **183674**.

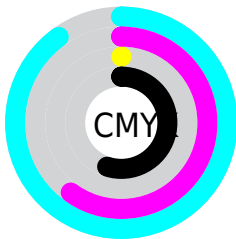
Distribution



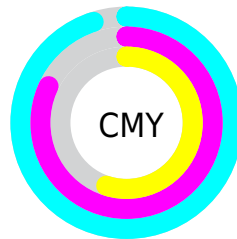
- Red (5%)
- Green (18%)
- Blue (45%)



- Red (5%)
- Yellow (15%)
- Blue (45%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2E74 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 0C2E74 by changing the saturation by 10% instead.

■ 0C2E74

■ 0C2E74

FFFFFF

■ 001A5B

■ 4E5BA9

■ 000043

■ 6974C4

■ 00032C

■ 858DE1

■ 000116

■ A1A7FD

■ 000000

■ BDC3FF

■ DADEFF

■ F7FBFF

■ 0C2E74

■ 0C2E74

■ 002674

■ 183674

■ 233E74

■ 2F4574

■ 3A4D74

■ 465574

■ 525D74

■ 5D6574

■ 696C74

■ 747474

Harmonies

Analogous

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



003A78



0C2E74



52195E

Triad

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



0C2E74



601D00



004028

Complementary

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



0C2E74



74520C

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.



003E00



0C2E74



472E00

Square

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



0C2E74



6C001C



283900



00414C

Rectangle

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



0C2E74



640449



283900



00401C

Sweetspot

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



0C2E74



6E7B96



0C7451



343C4D



CCCCCC



4D4D4D

Same Dimension

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



0C2E74



003196



1D0C74



35373B



00287A



0052FA

Inverse Universe

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



740C2E



960031



63740C



3B3537



7A0028



FA0052

Previews

White Background



This preview shows how the Hex color 0C2E74 looks on a white background.

Color Contrast Check

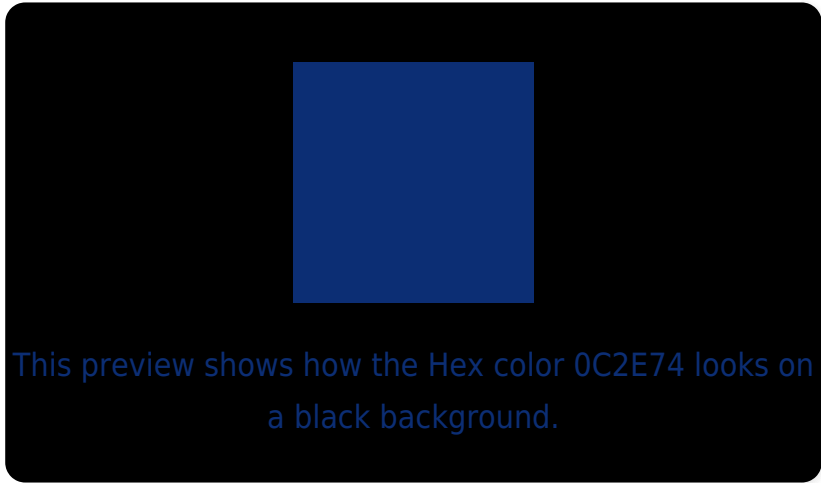
Large Text (above 18pt) WCAG AA ✓ Pass

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

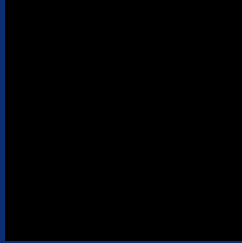
Any Text WCAG AA × Fail

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 0C2E74 Background



This preview shows how black text looks on a background with the Hex color 0C2E74.



This preview shows how white text looks on a background with the Hex color 0C2E74.

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

0C2E74

Protanopia

003169

Deuteranopia

00355A

Trichromacy



Original Color
0C2E74

Protanomaly
04306D

Deuteranomaly
043263

Tritanomaly
043550

Monochromacy



Original Color
0C2E74

Achromatopsia
2C2C2C

Achromatomaly
202D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2E74 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 #0C2E74 looks like.

```
.text, #text, p{  
    color:#0C2E74  
}
```

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 #0C2E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2E74
}
```

Border

The CSS property to change the border of an element to Hex 0C2E74 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
#0C2E74 }
```

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

```
.border{ border-color:#0C2E74 }
```

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

Here you see how a box with a 4 pixel #0C2E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2E74; -webkit-box-shadow:4px 4px  
4px 4px #0C2E74; box-shadow:4px 4px 4px  
4px #0C2E74 }
```

Background

The CSS property to change the background color of an element to Hex 0C2E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2E74 }
```

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

```
.background{ background-color:#0C2E74 }
```

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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