

# Converting Colors

Hex(0C1074)

Have a look what the booklet for  
Hex(0C1074) contains.

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# Color

**Hex(0C1074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C1074
RGB	12, 16, 116
RGB Percent	5%, 6%, 45%
CMY	0.9529, 0.9373, 0.5451
CMYK	0.90, 0.86, 0.00, 0.55
HSL	238°, 81%, 25%
HSV	238°, 90%, 45%
XYZ	3.4893, 1.7097, 16.6691
YIQ	26.2040, -34.4840, 30.2520

# Conversions

## Conversions Part 2

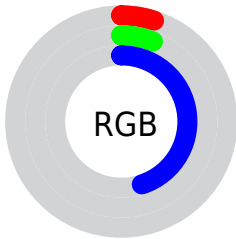
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 16, 116
Decimal	790644
CIE <sub>Lab</sub>	13.88, 37.37, -55.47
CIE <sub>LCh</sub>	14, 66.881, 303.968
Yxy	1.7097, 0.1596, 0.0782
Android (android.graphics.Color)	4278980724 (0xFF0C1074)
YUV	26.2040, 44.2694, -12.4569
Hunter-Lab	13.0755, 24.7517, -66.4318

# Details

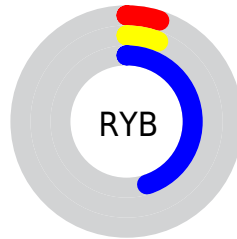
The Hex color **0C1074** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **74700C**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **513DA9**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **000574**, and if you desaturate by 10%, it is **181B74**.

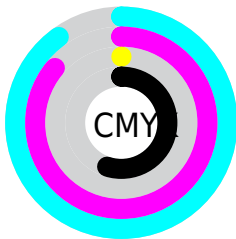
# Distribution



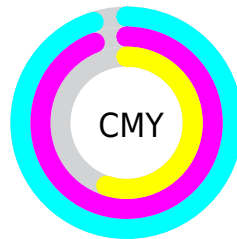
- Red (5%)
- Green (6%)
- Blue (45%)



- Red (5%)
- Yellow (6%)
- Blue (45%)



- Cyan (90%)
- Magenta (86%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (94%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C1074 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 0C1074 by changing the saturation by 10% instead.



 0C1074

 0C1074

 FFF6FF

 00005B

 513DA9

 000042

 6D55C5

 00032B

 896EE1

 000115

 A687FE

 000000

 C2A2FF

 E0BDFF

 FDD9FF

 0C1074

 0C1074

■ 000574

■ 181B74

■ 000474

■ 232674

■ 2F3174

■ 3A3D74

■ 464874

■ 525374

■ 5D5E74

■ 696974

■ 747474

# Harmonies

## Analogous

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



002B85



0C1074



5B004E

# Triad

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



0C1074



4B0A00



003329

# Complementary

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



0C1074



74700C

# 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.



003200



0C1074



282400

# Square

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



0C1074



640000



002D00



003558

# Rectangle

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



0C1074



6A002F



002D00



003318



# Sweetspot

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



0C1074



6E6F96



0C746F



34354D



CCCCCC



4D4D4D



# Same Dimension

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



0C1074



000696



3B0C74



35353B



00057A



000AFA



# Inverse Universe

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



740C10



960006



45740C



3B3535



7A0005

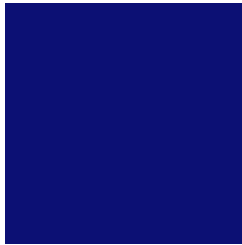


FA000A



# Previews

## White Background



This preview shows how the Hex color 0C1074 looks on a white background.

## Color Contrast Check

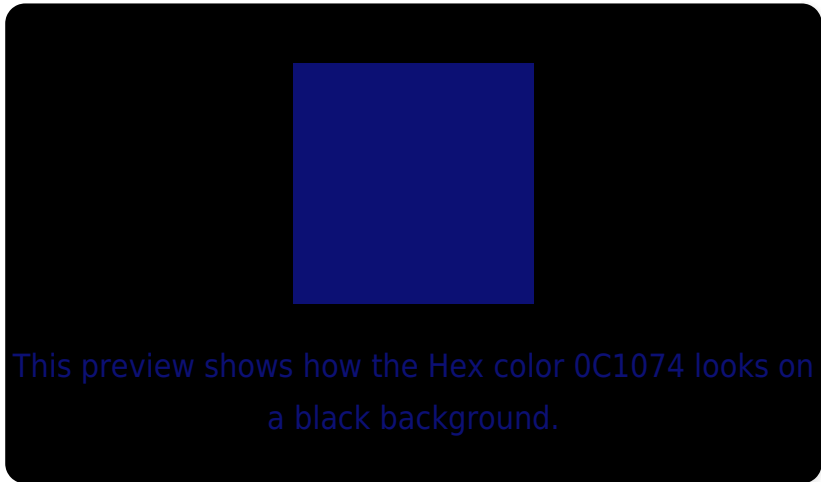
Large Text (above 18pt) WCAG AA ✓ Pass

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

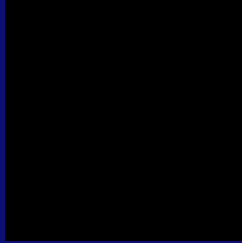
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C1074 Background



This preview shows how black text looks on a background with the Hex color 0C1074.



This preview shows how white text looks on a background with the Hex color 0C1074.

# 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**  
0C1074

**Protanopia**  
00244C

**Deuteranopia**  
002740



# Trichromacy



**Original Color**  
0C1074

**Protanomaly**  
041D5B

**Deuteranomaly**  
041F53

**Tritanomaly**  
042146

# Monochromacy



**Original Color**  
0C1074

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
15163B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C1074 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 #0C1074 looks like.

```
.text, #text, p{  
    color:#0C1074  
}
```

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 #0C1074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1074
}
```

## Border

The CSS property to change the border of an element to Hex 0C1074 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
#0C1074 }
```

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

```
.border{ border-color:#0C1074 }
```

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

Here you see how a box with a 4 pixel #0C1074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1074; -webkit-box-shadow:4px 4px  
4px 4px #0C1074; box-shadow:4px 4px 4px  
4px #0C1074 }
```

# Background

The CSS property to change the background color of an element to Hex 0C1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1074 }
```

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

```
.background{ background-color:#0C1074 }
```

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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