

Converting Colors

Hex(0B0078)

Have a look what the booklet for
Hex(0B0078) contains.

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Color

Hex(0B0078)

Conversions

Conversions Part 1

Format	Color
Hex	0B0078
RGB	11, 0, 120
RGB Percent	4%, 0%, 47%
CMY	0.9569, 1.0000, 0.5294
CMYK	0.91, 1.00, 0.00, 0.53
HSL	246°, 100%, 24%
HSV	246°, 100%, 47%
XYZ	3.5282, 1.4272, 17.8588
YIQ	16.9690, -31.9640, 39.6520

Conversions

Conversions Part 2

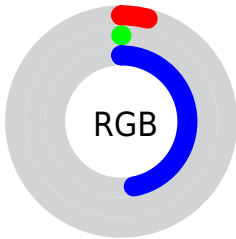
Format	Color
R_{YB}	11, 0, 120
Decimal	721016
CIE _{Lab}	12.14, 45.51, -60.97
CIE _{LCh}	12, 76.077, 306.740
Yxy	1.4272, 0.1546, 0.0626
Android (android.graphics.Color)	4278911096 (0xFF0B0078)
YUV	16.9690, 50.7943, -5.2348
Hunter-Lab	11.9466, 31.8096, -80.2692

Details

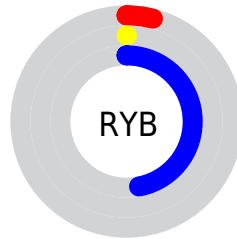
The Hex color **0B0078** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6D7800**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5332AE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **0B0078**, and if you desaturate by 10%, it is **160C78**.

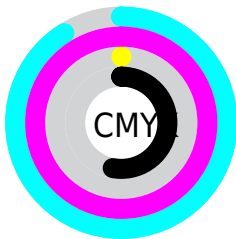
Distribution



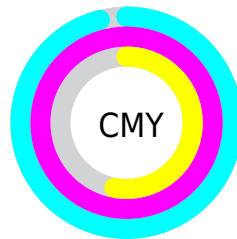
- Red (4%)
- Green (0%)
- Blue (47%)



- Red (4%)
- Yellow (0%)
- Blue (47%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0078 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 0B0078 by changing the saturation by 10% instead.

0B0078

0B0078

FFEBFF

00005F

5332AE

000046

704ACA

00042E

8D63E6

000119

A97DFF

000000

C697FF

E4B2FF

FFCEFF

0B0078

■ 160C78

■ 211878

■ 2C2478

■ 373078

■ 423C78

■ 4C4878

■ 575478

■ 626078

■ 6D6C78

Harmonies

Analogous

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



00288F



0B0078



60004B

Triad

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



0B0078



470400



002E2B

Complementary

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



0B0078



6D7800

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.



002D00



0B0078



1E2200

Square

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



0B0078



640000



002C00



003260

Rectangle

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



0B0078



6E0028



002C00



002E19

Sweetspot

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



0B0078



716D9C



006E78



35334F



CFCFCF



4F4F4F

Same Dimension

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



0B0078



0E009C



460078



38373D



0B007D



1700FC

Inverse Universe

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



78006D



9C008D



327800



3D373D



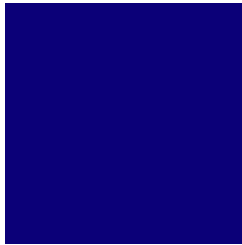
7D0071



FC00E5

Previews

White Background



This preview shows how the Hex color 0B0078 looks on a white background.

Color Contrast Check

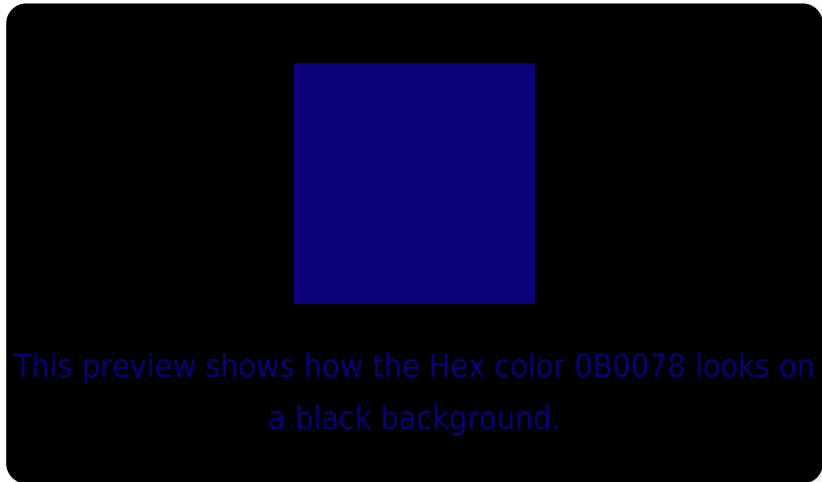
Large Text (above 18pt) WCAG AA ✓ Pass

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

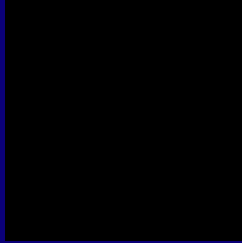
Any Text WCAG AA × Fail

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 0B0078 Background



This preview shows how black text looks on a background with the Hex color 0B0078.



This preview shows how white text looks on a background with the Hex color 0B0078.

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
0B0078

Protanopia
00234A

Deuteranopia
00263F



Tritanopia
00292A

Trichromacy



Original Color
0B0078

Protanomaly
04165B

Deuteranomaly
041854

Tritanomaly
041A46

Monochromacy



Original Color
0B0078

Achromatopsia
111111

Achromatomaly
0F0B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0078 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 #0B0078 looks like.

```
.text, #text, p{  
    color:#0B0078  
}
```

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 #0B0078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0078
}
```

Border

The CSS property to change the border of an element to Hex 0B0078 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
#0B0078 }
```

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

```
.border{ border-color:#0B0078 }
```

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

Here you see how a box with a 4 pixel #0B0078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0078; -webkit-box-shadow:4px 4px  
4px 4px #0B0078; box-shadow:4px 4px 4px  
4px #0B0078 }
```

Background

The CSS property to change the background color of an element to Hex 0B0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0078 }
```

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

```
.background{ background-color:#0B0078 }
```

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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