

Converting Colors

Hex(0B0012)

Have a look what the booklet for
Hex(0B0012) contains.

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Color

Hex(0B0012)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------|
| Hex | 0B0012 |
| RGB | 11, 0, 18 |
| RGB Percent | 4%, 0%, 7% |
| CMY | 0.9569, 1.0000, 0.9294 |
| CMYK | 0.39, 1.00, 0.00, 0.93 |
| HSL | 277°, 100%, 4% |
| HSV | 277°, 100%, 7% |
| XYZ | 0.2472, 0.1148, 0.5814 |
| YIQ | 5.3410, 0.7780, 7.9300 |

Conversions

Conversions Part 2

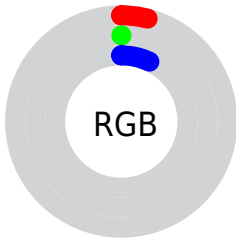
| Format | Color |
|-------------------------------------|---|
| RYB | 11, 0, 18 |
| Decimal | 720914 |
| CIELab | 1.04, 5.66, -6.53 |
| CIElCh | 1, 8.637, 310.905 |
| Yxy | 0.1148, 0.2620, 0.1217 |
| Android (android.graphics.Color) | 4278910994 (0xFF0B0012) |
| YUV | 5.3410, 6.2409, 4.9629 |
| Hunter-Lab | 3.3885, 7.0917, -7.8010 |

Details

The Hex color **0B0012** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **071200**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **37303C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B0012**, and if you desaturate by 10%, it is **0C0212**.

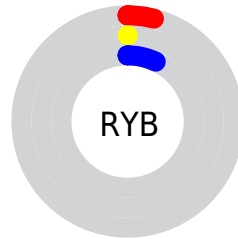
Distribution



Red (4%)

Green (0%)

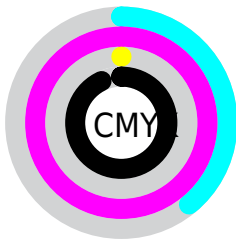
Blue (7%)



Red (4%)

Yellow (0%)

Blue (7%)

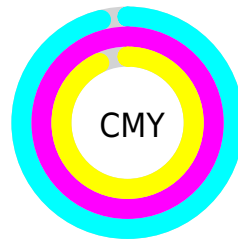


Cyan (39%)

Magenta (100%)

Yellow (0%)

Black (93%)



Cyan (96%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0012 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 0B0012 by changing the saturation by 10% instead.

 0B0012

 0B0012

 EBE2F2

 000000

 37303C

 4D4753

 655E6B

 7E7785

 98909F

 B3ABBA

 CFC6D5

 0B0012

■ 0C0212

■ 0C0412

■ 0D0512

■ 0E0712

■ 0E0912

■ 0F0B12

■ 100D12

■ 110E12

■ 111012

Harmonies

Analogous

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



000315



0B0012



13000B

Triad

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



0B0012



0D0100



000708

Complementary

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



0B0012



071200

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.



000700



0B0012



020500

Square

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



0B0012



140000



000700



000810

Rectangle

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



0B0012



160004



000700



000704

Sweetspot

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



0B0012



141017



000712



0B080D



8C8C8C



0D0D0D

Same Dimension

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



0B0012



0E0017



120010



0A090A



2D004A



7B00C9

Inverse Universe

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



120007



170009



001202



0A090A



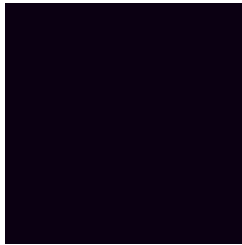
4A001D



C9004E

Previews

White Background



This preview shows how the Hex color 0B0012 looks on a white background.

Color Contrast Check

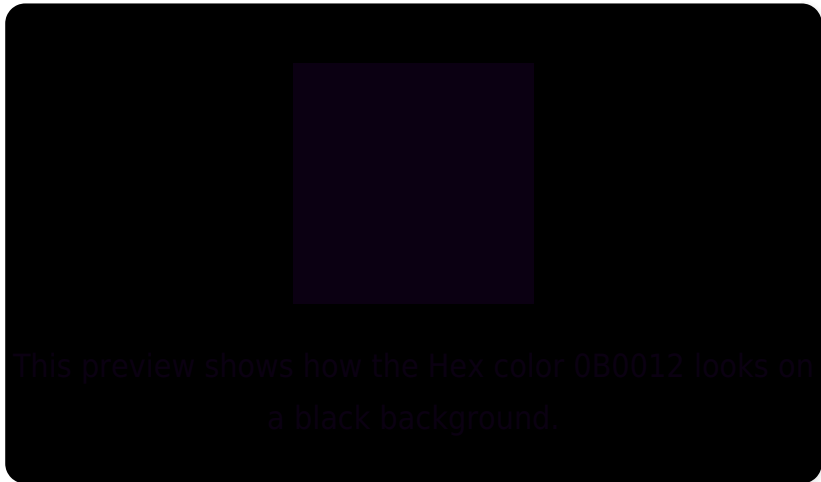
Large Text (above 18pt) WCAG AA ✓ Pass

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

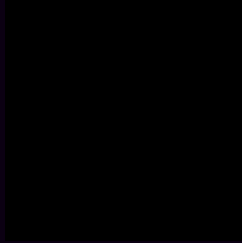
Any Text WCAG AA × Fail

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 0B0012 Background



This preview shows how black text looks on a background with the Hex color 0B0012.



This preview shows how white text looks on a background with the Hex color 0B0012.

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
0B0012

Protanopia
00070F

Tritanopia
090708

Trichromacy



Original Color
0B0012

Protanomaly
040410

Tritanomaly
0A040C

Monochromacy



Original Color
0B0012

Achromatopsia
050505

Achromatomaly
07030A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0012 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 #0B0012 looks like.

```
.text, #text, p{  
    color:#0B0012  
}
```

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 #0B0012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0012
}
```

Border

The CSS property to change the border of an element to Hex 0B0012 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
#0B0012 }
```

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

```
.border{ border-color:#0B0012 }
```

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

Here you see how a box with a 4 pixel #0B0012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0012; -webkit-box-shadow:4px 4px  
4px 4px #0B0012; box-shadow:4px 4px 4px  
4px #0B0012 }
```

Background

The CSS property to change the background color of an element to Hex 0B0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0012 }
```

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

```
.background{ background-color:#0B0012 }
```

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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