

Converting Colors

Hex(0B0F12)

Have a look what the booklet for
Hex(0B0F12) contains.

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Color

Hex(0B0F12)

Conversions

Conversions Part 1

Format	Color
Hex	0B0F12
RGB	11, 15, 18
RGB Percent	4%, 6%, 7%
CMY	0.9569, 0.9412, 0.9294
CMYK	0.39, 0.17, 0.00, 0.93
HSL	206°, 24%, 6%
HSV	206°, 39%, 7%
XYZ	0.4180, 0.4565, 0.6383
YIQ	14.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

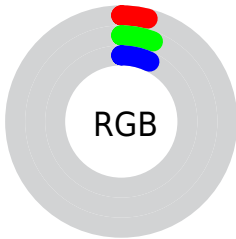
Format	Color
RYB	11, 14, 18
Decimal	724754
CIELab	4.12, -0.65, -2.02
CIELCh	4, 2.123, 252.201
Yxy	0.4565, 0.2763, 0.3017
Android (android.graphics.Color)	4278914834 (0xFF0B0F12)
YUV	14.1460, 1.9000, -2.7590
Hunter-Lab	6.7562, -0.7794, -0.8725

Details

The Hex color **0B0F12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120E0B**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **373A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090E12**, and if you desaturate by 10%, it is **0D1012**.

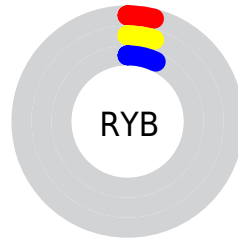
Distribution



Red (4%)

Green (6%)

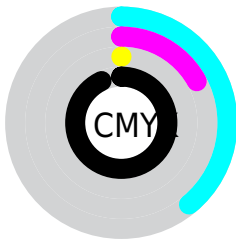
Blue (7%)



Red (4%)

Yellow (5%)

Blue (7%)

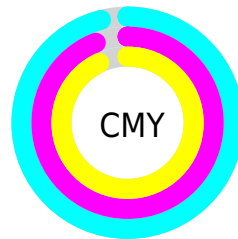


Cyan (39%)

Magenta (17%)

Yellow (0%)

Black (93%)



Cyan (96%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0F12 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 0B0F12 by changing the saturation by 10% instead.

■ 0B0F12

■ 0B0F12

■ EBEFF2

■ 000000

■ 373A3C

■ 4E5153

■ 66696C

■ 7E8285

■ 989C9F

■ B3B7BA

■ CFD2D6

■ 0B0F12

■ 0B0F12

■ 090E12

■ 0D1012

■ 070D12

■ 0F1112

■ 060D12

■ 101112

■ 040C12

■ 121212

■ 020B12

■ 141312

■ 000A12

■ 161412

■ 181412

■ 191512

■ 1B1612

Harmonies

Analogous

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



091011



0B0F12



0D0E12

Triad

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



0B0F12



130D0E



0D0F0B

Complementary

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



0B0F12



120E0B

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.



0F0F0A



0B0F12



130D0C

Square

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



0B0F12



120D10



110E0A



0B100D

Rectangle

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



0B0F12



0F0E12



110E0A



0E0F0B

Sweetspot

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



0B0F12



141617



0B120E



0B0C0D



8C8C8C



0D0D0D

Same Dimension

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



0B0F12



0C1217



0B0C12



090A0A



002A4A



0073C9

Inverse Universe

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



120B0F



170C12



12110B



0A090A



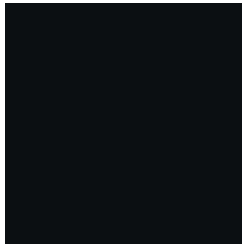
4A002A



C90073

Previews

White Background



This preview shows how the Hex color 0B0F12 looks on a white background.

Color Contrast Check

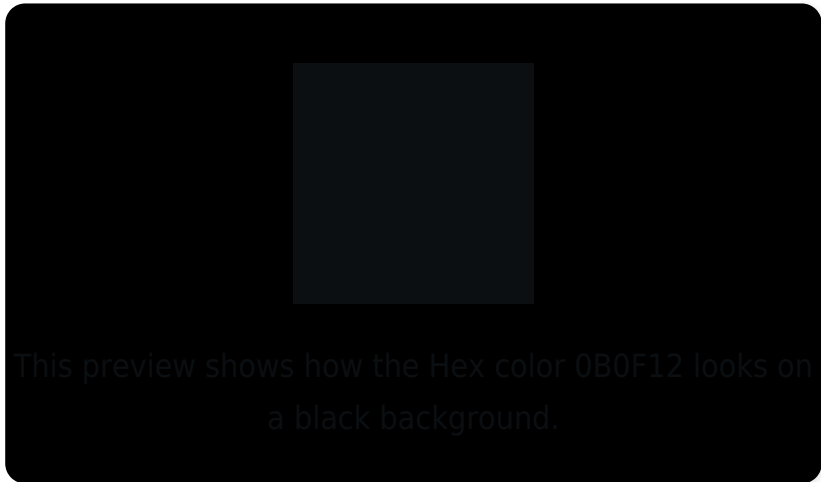
Large Text (above 18pt) WCAG AA ✓ Pass

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

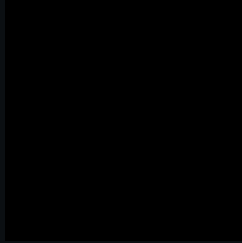
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

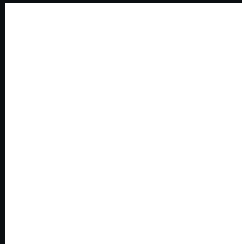
Any Text WCAG AAA × Fail

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

Hex 0B0F12 Background



This preview shows how black text looks on a background with the Hex color 0B0F12.



This preview shows how white text looks on a background with the Hex color 0B0F12.

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
0B0F12

Protanopia
0E0E12

Deuteranopia
0E0E12

Trichromacy



Original Color

0B0F12

Protanomaly

0D0E12

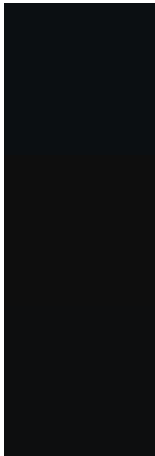
Deuteranomaly

0D0E12

Tritanomaly

0B0F11

Monochromacy



Original Color

0B0F12

Achromatopsia

0E0E0E

Achromatomaly

0D0E0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0F12 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 #0B0F12 looks like.

```
.text, #text, p{  
    color:#0B0F12  
}
```

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 #0B0F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0F12
}
```

Border

The CSS property to change the border of an element to Hex 0B0F12 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
#0B0F12 }
```

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

```
.border{ border-color:#0B0F12 }
```

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

Here you see how a box with a 4 pixel #0B0F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0F12; -webkit-box-shadow:4px 4px  
4px 4px #0B0F12; box-shadow:4px 4px 4px  
4px #0B0F12 }
```

Background

The CSS property to change the background color of an element to Hex 0B0F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0F12 }
```

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

```
.background{ background-color:#0B0F12 }
```

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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