

Converting Colors

Hex(0F0F12)

Have a look what the booklet for
Hex(0F0F12) contains.

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Color

Hex(0F0F12)

Conversions

Conversions Part 1

Format	Color
Hex	0F0F12
RGB	15, 15, 18
RGB Percent	6%, 6%, 7%
CMY	0.9412, 0.9412, 0.9294
CMYK	0.17, 0.17, 0.00, 0.93
HSL	240°, 9%, 6%
HSV	240°, 17%, 7%
XYZ	0.4770, 0.4869, 0.6411
YIQ	15.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

Format	Color
RYB	15, 15, 18
Decimal	986898
CIELab	4.40, 0.58, -1.59
CIELCh	4, 1.691, 290.183
Yxy	0.4869, 0.2972, 0.3034
Android (android.graphics.Color)	4279176978 (0xFF0F0F12)
YUV	15.3420, 1.3104, -0.2999
Hunter-Lab	6.9777, -0.0083, -0.5632

Details

The Hex color **0F0F12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12120F**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3A3A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0D12**, and if you desaturate by 10%, it is **111112**.

Distribution



Red (6%)

Green (6%)

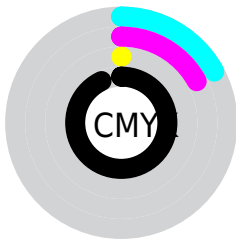
Blue (7%)



Red (6%)

Yellow (6%)

Blue (7%)

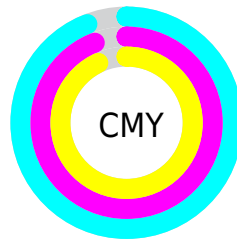


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (93%)



Cyan (94%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0F12 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 0F0F12 by changing the saturation by 10% instead.

■ 0F0F12

■ 0F0F12

■ EFEFF2

■ 000000

■ 3A3A3C

■ 515153

■ 69696C

■ 828285

■ 9C9C9F

■ B7B7BA

■ D2D2D6

■ 0F0F12

■ 0F0F12

■ 0D0D12

■ 111112

■ 0B0B12

■ 131312

■ 0A0A12

■ 141412

■ 080812

■ 161612

■ 060612

■ 181812

■ 040412

■ 1A1A12

■ 020212

■ 1C1C12

■ 010112

■ 1D1D12

■ 000012

■ 1F1F12

Harmonies

Analogous

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



0D1012



0F0F12



110F11

Triad

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



0F0F12



120E0D



0C100F

Complementary

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



0F0F12



12120F

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.



0E100D



0F0F12



110F0C

Square

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



0F0F12



130E0E



0F0F0C



0B1010

Rectangle

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



0F0F12



120E10



0F0F0C



0C100E

Sweetspot

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



0F0F12



161617



0F1212



0C0C0D



8C8C8C



0D0D0D

Same Dimension

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



0F0F12



121217



110F12



09090A



00004A



0000C9

Inverse Universe

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



120F12



171217



11120F



0A090A



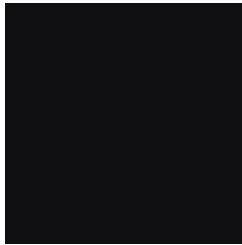
4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 0F0F12 looks on a white background.

Color Contrast Check

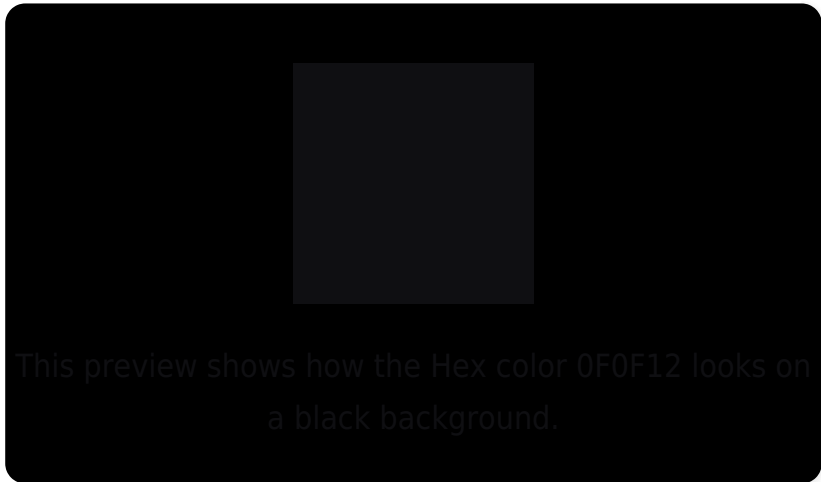
Large Text (above 18pt) WCAG AA ✓ Pass

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

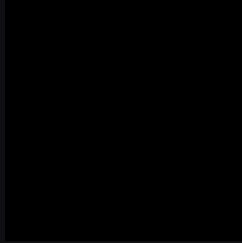
Any Text WCAG AA × Fail

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 0F0F12 Background



This preview shows how black text looks on a background with the Hex color 0F0F12.



This preview shows how white text looks on a background with the Hex color 0F0F12.

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](#).

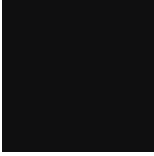
Dichromacy



Original Color
0F0F12

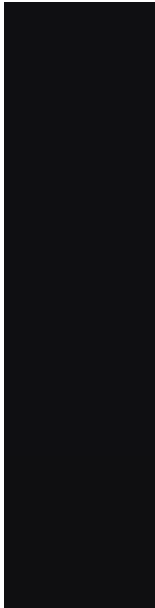
Protanopia
0F0F12

Deuteranopia
0F0F12



Tritanopia
0F0F10

Trichromacy



Original Color

0F0F12

Protanomaly

0F0F12

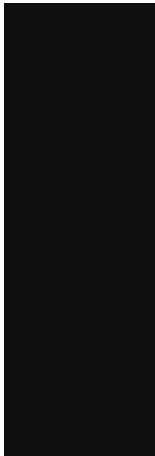
Deuteranomaly

0F0F12

Tritanomaly

0F0F11

Monochromacy



Original Color

0F0F12

Achromatopsia

0F0F0F

Achromatomaly

0F0F10

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0F12 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 #0F0F12 looks like.

```
.text, #text, p{  
    color:#0F0F12  
}
```

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 #0F0F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0F12
}
```

Border

The CSS property to change the border of an element to Hex 0F0F12 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
#0F0F12 }
```

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

```
.border{ border-color:#0F0F12 }
```

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

Here you see how a box with a 4 pixel #0F0F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0F12; -webkit-box-shadow:4px 4px  
4px 4px #0F0F12; box-shadow:4px 4px 4px  
4px #0F0F12 }
```

Background

The CSS property to change the background color of an element to Hex 0F0F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0F12 }
```

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

```
.background{ background-color:#0F0F12 }
```

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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