

Converting Colors

Hex(0C0F18)

Have a look what the booklet for
Hex(0C0F18) contains.

Hex(0C0F18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C0F18)

Conversions

Conversions Part 1

Format	Color
Hex	0C0F18
RGB	12, 15, 24
RGB Percent	5%, 6%, 9%
CMY	0.9529, 0.9412, 0.9059
CMYK	0.50, 0.37, 0.00, 0.91
HSL	225°, 33%, 7%
HSV	225°, 50%, 9%
XYZ	0.4873, 0.4858, 0.9322
YIQ	15.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

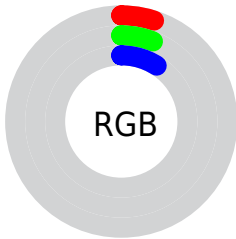
Format	Color
RYB	12, 14, 24
Decimal	790296
CIELab	4.39, 1.05, -5.77
CIELCh	4, 5.864, 280.308
Yxy	0.4858, 0.2558, 0.2550
Android (android.graphics.Color)	4278980376 (0xFF0C0F18)
YUV	15.1290, 4.3734, -2.7441
Hunter-Lab	6.9696, 0.2838, -3.0516

Details

The Hex color **0C0F18** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18150C**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **373A43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A0D18**, and if you desaturate by 10%, it is **0E1118**.

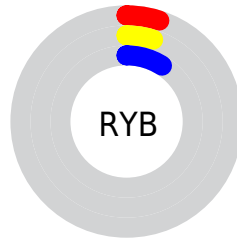
Distribution



Red (5%)

Green (6%)

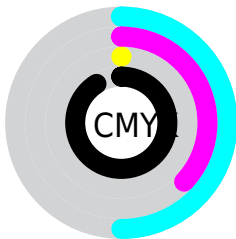
Blue (9%)



Red (5%)

Yellow (5%)

Blue (9%)

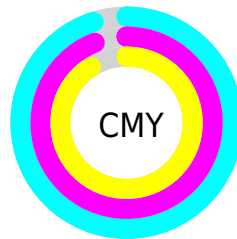


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (91%)



Cyan (95%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0F18 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 0C0F18 by changing the saturation by 10% instead.

■ 0C0F18

■ 0C0F18

■ ECEFFA

■ 000000

■ 373A43

■ 4E515A

■ 666972

■ 7F828C

■ 999CA6

■ B4B7C1

■ CFD2DD

■ 0C0F18

■ 0C0F18

■ 0A0D18

■ 0E1118

■ 070B18

■ 111318

■ 050A18

■ 131418

■ 020818

■ 161618

■ 000618

■ 181818

■ 1A1A18

■ 1D1C18

■ 1F1D18

■ 221F18

Harmonies

Analogous

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



051118



0C0F18



130D16

Triad

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



0C0F18



190C07



04120B

Complementary

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



0C0F18



18150C

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.



0B1105



0C0F18



170E03

Square

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



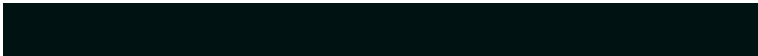
0C0F18



190B0D



120F02



001211

Rectangle

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



0C0F18



160C14



120F02



061209

Sweetspot

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



0C0F18



1A1B1F



0C1815



0D0D0F



8F8F8F



0F0F0F

Same Dimension

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



0C0F18



0C111F



0F0C18



0B0C0D



00134D



0033CC

Inverse Universe

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



180C0F



1F0C11



15180C



0D0B0C



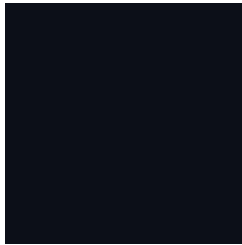
4D0013



CC0033

Previews

White Background



This preview shows how the Hex color 0C0F18 looks on a white background.

Color Contrast Check

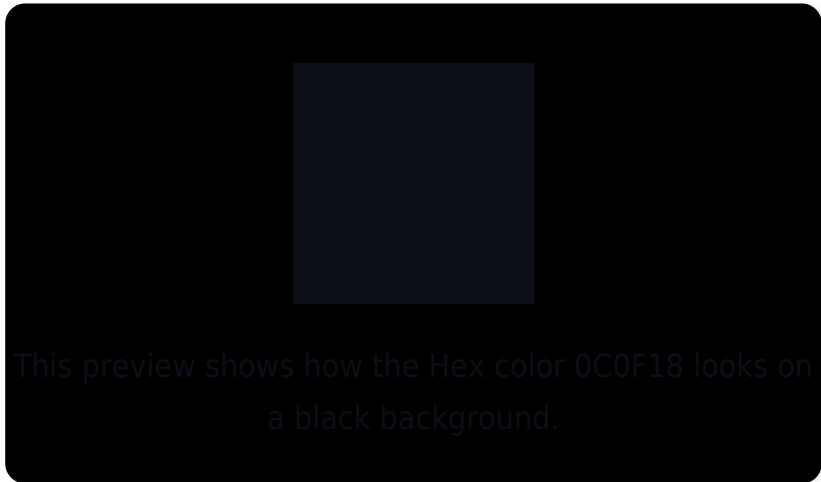
Large Text (above 18pt) WCAG AA ✓ Pass

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

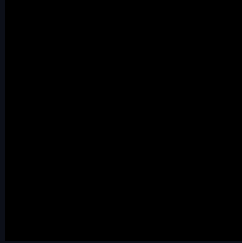
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

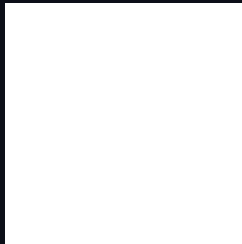
Any Text WCAG AAA × Fail

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

Hex 0C0F18 Background



This preview shows how black text looks on a background with the Hex color 0C0F18.



This preview shows how white text looks on a background with the Hex color 0C0F18.

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
0C0F18

Protanopia
0C0F18

Deuteranopia
0B0F18



Tritanopia
0A1012

Trichromacy



Original Color

0C0F18

Protanomaly

0C0F18

Deuteranomaly

0B0F18

Tritanomaly

0B1014

Monochromacy



Original Color

0C0F18

Achromatopsia

0F0F0F

Achromatomaly

0E0F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0F18 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 #0C0F18 looks like.

```
.text, #text, p{  
    color:#0C0F18  
}
```

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 #0C0F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0F18
}
```

Border

The CSS property to change the border of an element to Hex 0C0F18 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
#0C0F18 }
```

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

```
.border{ border-color:#0C0F18 }
```

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

Here you see how a box with a 4 pixel #0C0F18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0F18; -webkit-box-shadow:4px 4px  
4px 4px #0C0F18; box-shadow:4px 4px 4px  
4px #0C0F18 }
```

Background

The CSS property to change the background color of an element to Hex 0C0F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0F18 }
```

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

```
.background{ background-color:#0C0F18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor