

Converting Colors

Hex(0F1017)

Have a look what the booklet for
Hex(0F1017) contains.

Hex(0F1017)	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(0F1017)

Conversions

Conversions Part 1

Format	Color
Hex	0F1017
RGB	15, 16, 23
RGB Percent	6%, 6%, 9%
CMY	0.9412, 0.9373, 0.9098
CMYK	0.35, 0.30, 0.00, 0.91
HSL	232°, 21%, 7%
HSV	232°, 35%, 9%
XYZ	0.5369, 0.5340, 0.8854
YIQ	16.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

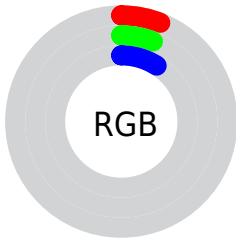
Format	Color
RYB	15, 16, 23
Decimal	987159
CIELab	4.82, 1.20, -4.35
CIElCh	5, 4.511, 285.481
Yxy	0.5340, 0.2745, 0.2730
Android (android.graphics.Color)	4279177239 (0xFF0F1017)
YUV	16.4990, 3.2050, -1.3146
Hunter-Lab	7.3075, 0.3277, -2.0683

Details

The Hex color **0F1017** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17160F**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3A3B41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0E17**, and if you desaturate by 10%, it is **111217**.

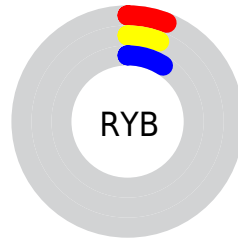
Distribution



Red (6%)

Green (6%)

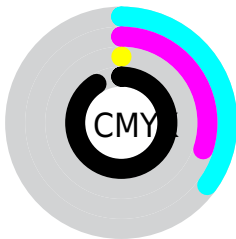
Blue (9%)



Red (6%)

Yellow (6%)

Blue (9%)

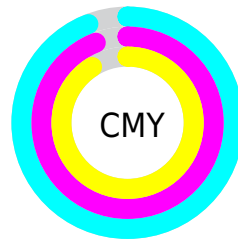


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (91%)



Cyan (94%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F1017 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 0F1017 by changing the saturation by 10% instead.

■ 0F1017

■ 0F1017

■ EFF0F8

■ 000000

■ 3A3B41

■ 515259

■ 696A71

■ 82838B

■ 9C9DA5

■ B7B8C0

■ D2D3DC

■ 0F1017

■ 0F1017

■ 0D0E17

■ 111217

■ 0A0C17

■ 141417

■ 080A17

■ 161617

■ 060817

■ 181817

■ 040617

■ 1B1A17

■ 010417

■ 1D1C17

■ 000317

■ 1F1E17

■ 212017

■ 242217

Harmonies

Analogous

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



0A1117



0F1017



140F15

Triad

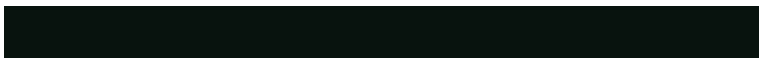
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F1017



180E0A



08130E

Complementary

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



0F1017



17160F

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.



0D120A



0F1017



150F07

Square

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



0F1017



180E0E



121107



051312

Rectangle

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



0F1017



160E14



121107



09120D

Sweetspot

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



0F1017



1C1C1F



0F1716



0D0E0F



8F8F8F



0F0F0F

Same Dimension

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



0F1017



12131F



120F17



0B0C0D



000A4D



001ACC

Inverse Universe

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



170F10



1F1213



14170F



0D0B0C



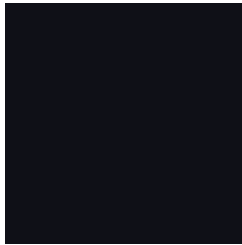
4D000A



CC001A

Previews

White Background



This preview shows how the Hex color 0F1017 looks on a white background.

Color Contrast Check

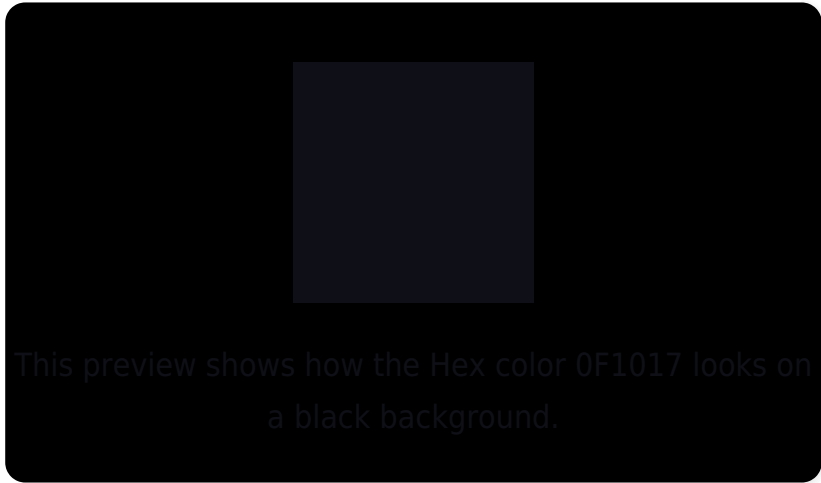
Large Text (above 18pt) WCAG AA ✓ Pass

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

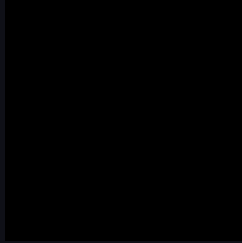
Any Text WCAG AA × Fail

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 0F1017 Background



This preview shows how black text looks on a background with the Hex color 0F1017.



This preview shows how white text looks on a background with the Hex color 0F1017.

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
0F1017

Protanopia
0E1017

Deuteranopia
0E1017



Tritanopia
0E1112

Trichromacy



Original Color

0F1017

Protanomaly

0E1017

Deuteranomaly

0E1017

Tritanomaly

0E1114

Monochromacy



Original Color

0F1017

Achromatopsia

101010

Achromatomaly

101013

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F1017 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 #0F1017 looks like.

```
.text, #text, p{  
    color:#0F1017  
}
```

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 #0F1017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F1017
}
```

Border

The CSS property to change the border of an element to Hex 0F1017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

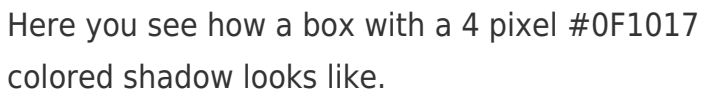
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F1017 }
```

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

```
.border{ border-color:#0F1017 }
```

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



Here you see how a box with a 4 pixel #0F1017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F1017; -webkit-box-shadow:4px 4px  
4px 4px #0F1017; box-shadow:4px 4px 4px  
4px #0F1017 }
```

Background

The CSS property to change the background color of an element to Hex 0F1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F1017 }
```

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

```
.background{ background-color:#0F1017 }
```

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