

Converting Colors

Hex(0B1117)

Have a look what the booklet for
Hex(0B1117) contains.

Hex(0B1117)	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(0B1117)

Conversions

Conversions Part 1

Format	Color
Hex	0B1117
RGB	11, 17, 23
RGB Percent	4%, 7%, 9%
CMY	0.9569, 0.9333, 0.9098
CMYK	0.52, 0.26, 0.00, 0.91
HSL	210°, 35%, 7%
HSV	210°, 52%, 9%
XYZ	0.4931, 0.5339, 0.8877
YIQ	15.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

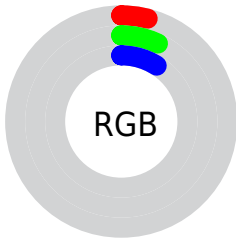
Format	Color
RYB	11, 15, 23
Decimal	725271
CIELab	4.82, -0.59, -4.38
CIELCh	5, 4.421, 262.360
Yxy	0.5339, 0.2575, 0.2788
Android (android.graphics.Color)	4278915351 (0xFF0B1117)
YUV	15.8900, 3.5052, -4.2885
Hunter-Lab	7.3069, -0.7408, -2.0880

Details

The Hex color **0B1117** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17110B**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **373B41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091017**, and if you desaturate by 10%, it is **0D1217**.

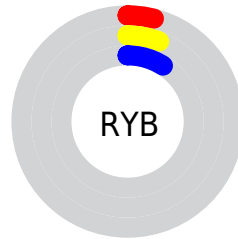
Distribution



Red (4%)

Green (7%)

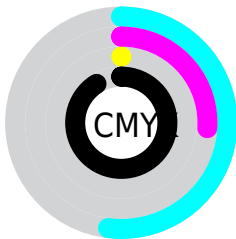
Blue (9%)



Red (4%)

Yellow (6%)

Blue (9%)

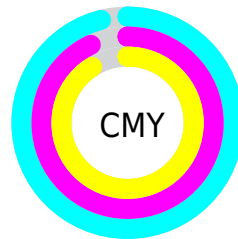


Cyan (52%)

Magenta (26%)

Yellow (0%)

Black (91%)



Cyan (96%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1117 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 0B1117 by changing the saturation by 10% instead.

■ 0B1117

■ 0B1117

■ EBF1F8

■ 000000

■ 373B41

■ 4D5259

■ 656B71

■ 7E848B

■ 989EA5

■ B3B9C0

■ CFD4DC

■ 0B1117

■ 0B1117

■ 091017

■ 0D1217

■ 060F17

■ 101317

■ 040E17

■ 121417

■ 020C17

■ 141617

■ 000C17

■ 171717

■ 191817

■ 1B1917

■ 1D1A17

■ 201B17

Harmonies

Analogous

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



071216



0B1117



101017

Triad

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



0B1117



180E0D



0C120B

Complementary

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



0B1117



17110B

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.



111108



0B1117



170F09

Square

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



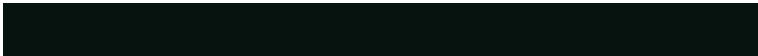
0B1117



170E12



151007



07130F

Rectangle

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



0B1117



130F16



151007



0D120A

Sweetspot

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



0B1117



1A1C1F



0B1711



0C0E0F



8F8F8F



0F0F0F

Same Dimension

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



0B1117



0B151F



0B0B17



0B0C0D



00264D



0066CC

Inverse Universe

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



170B11



1F0B15



17170B



0D0B0C



4D0026



CC0066

Previews

White Background



This preview shows how the Hex color 0B1117 looks on a white background.

Color Contrast Check

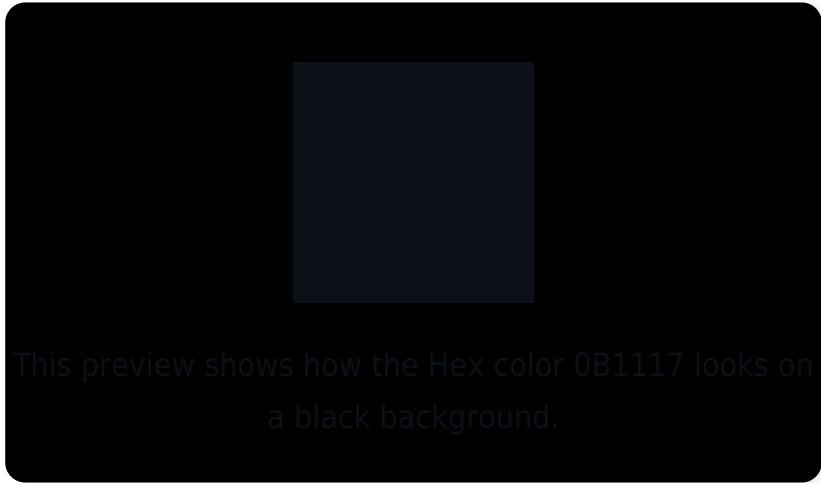
Large Text (above 18pt) WCAG AA ✓ Pass

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

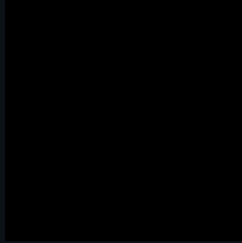
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

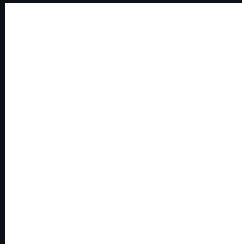
Any Text WCAG AAA × Fail

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

Hex 0B1117 Background



This preview shows how black text looks on a background with the Hex color 0B1117.

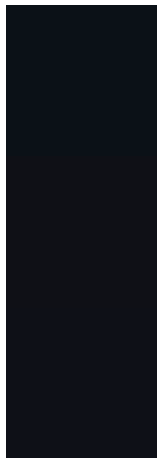


This preview shows how white text looks on a background with the Hex color 0B1117.

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
0B1117

Protanopia
0F1016

Deuteranopia
0E1017



Tritanopia
0A1213

Trichromacy



Original Color
OB1117

Protanomaly
0E1016

Deuteranomaly
0D1017

Tritanomaly
0A1214

Monochromacy



Original Color
OB1117

Achromatopsia
101010

Achromatomaly
0E1013

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1117 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 #0B1117 looks like.

```
.text, #text, p{  
  color:#0B1117  
}
```

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 #0B1117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1117
}
```

Border

The CSS property to change the border of an element to Hex 0B1117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

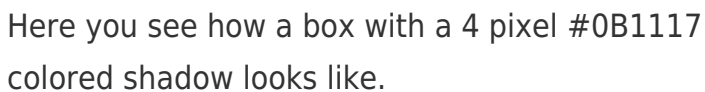
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B1117 }
```

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

```
.border{ border-color:#0B1117 }
```

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



Here you see how a box with a 4 pixel #0B1117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1117; -webkit-box-shadow:4px 4px  
4px 4px #0B1117; box-shadow:4px 4px 4px  
4px #0B1117 }
```

Background

The CSS property to change the background color of an element to Hex 0B1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1117 }
```

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

```
.background{ background-color:#0B1117 }
```

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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