

Converting Colors

Hex(0B120C)

Have a look what the booklet for
Hex(0B120C) contains.

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Color

Hex(0B120C)

Conversions

Conversions Part 1

Format	Color
Hex	0B120C
RGB	11, 18, 12
RGB Percent	4%, 7%, 5%
CMY	0.9569, 0.9294, 0.9529
CMYK	0.39, 0.00, 0.33, 0.93
HSL	129°, 24%, 6%
HSV	129°, 39%, 7%
XYZ	0.4207, 0.5303, 0.4280
YIQ	15.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

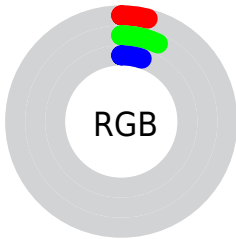
Format	Color
RYB	11, 17, 18
Decimal	725516
CIELab	4.79, -3.41, 2.14
CIELCh	5, 4.028, 147.962
Yxy	0.5303, 0.3051, 0.3846
Android (android.graphics.Color)	4278915596 (0xFF0B120C)
YUV	15.2230, -1.5889, -3.7036
Hunter-Lab	7.2822, -2.4323, 1.6128

Details

The Hex color **0B120C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120B11**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **373C38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **09120A**, and if you desaturate by 10%, it is **0D120E**.

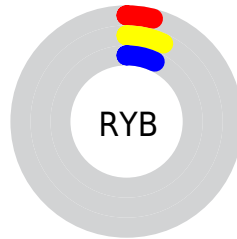
Distribution



Red (4%)

Green (7%)

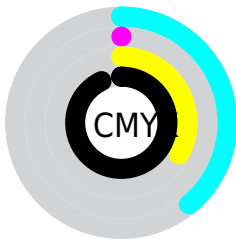
Blue (5%)



Red (4%)

Yellow (7%)

Blue (7%)

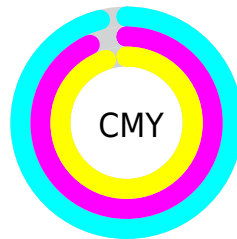


Cyan (39%)

Magenta (0%)

Yellow (33%)

Black (93%)



Cyan (96%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B120C 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 0B120C by changing the saturation by 10% instead.

■ 0B120C

■ 0B120C

■ EBF2EC

■ 000000

■ 373C38

■ 4E534E

■ 656C66

■ 7E857F

■ 989F99

■ B3BAB4

■ CFD6D0

■ 0B120C

■ 0B120C

■ 09120A

■ 0D120E

■ 071209

■ 0F120F

■ 061207

■ 101211

■ 041206

■ 121212

■ 021204

■ 141214

■ 001203

■ 161215

■ 181217

■ 191218

■ 1B121A

Harmonies

Analogous

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



101109



0B120C



071210

Triad

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



0B120C



0C1116



170E0D

Complementary

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



0B120C



120B11

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.



170E11



0B120C



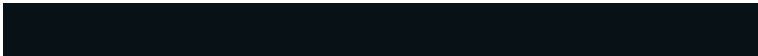
110F16

Square

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



0B120C



081216



150E14



160F09

Rectangle

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



0B120C



061212



150E14



170E0E

Sweetspot

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



0B120C



141715



11120B



0B0D0B



8C8C8C



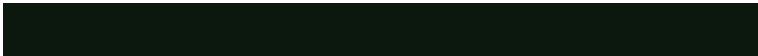
0D0D0D

Same Dimension

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



0B120C



0C170E



0B120F



090A09



004A0B



00C91D

Inverse Universe

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



120B11



170C15



120B0E



0A090A



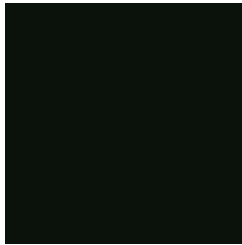
4A003F



C900AD

Previews

White Background



This preview shows how the Hex color 0B120C looks on a white background.

Color Contrast Check

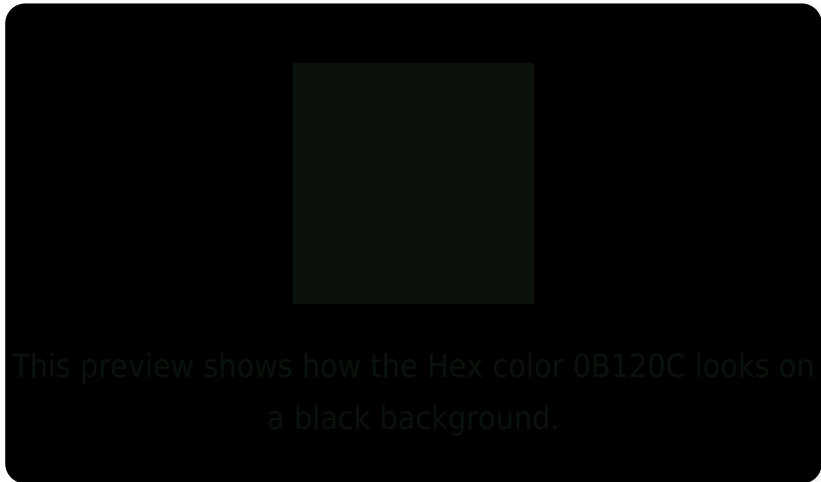
Large Text (above 18pt) WCAG AA ✓ Pass

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

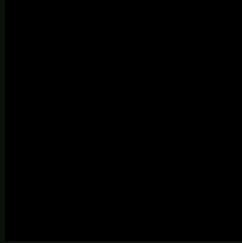
Any Text WCAG AA × Fail

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 0B120C Background



This preview shows how black text looks on a background with the Hex color 0B120C.

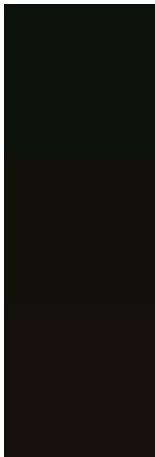


This preview shows how white text looks on a background with the Hex color 0B120C.

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
0B120C

Protanopia
12100B

Deuteranopia
13100D



Tritanopia
0C1113

Trichromacy



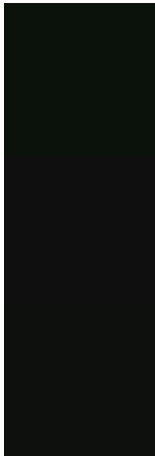
Original Color
OB120C

Protanomaly
OF110B

Deuteranomaly
10110D

Tritanomaly
0C1110

Monochromacy



Original Color
OB120C

Achromatopsia
0F0F0F

Achromatomaly
0E100E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B120C 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 #0B120C looks like.

```
.text, #text, p{  
    color:#0B120C  
}
```

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 #0B120C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B120C
}
```

Border

The CSS property to change the border of an element to Hex 0B120C is called "border". The border property can be set on classes, ids or directly on the HTML element.

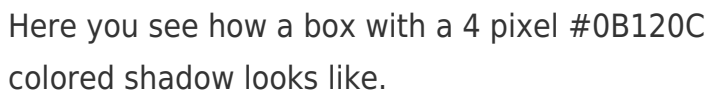
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B120C }
```

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

```
.border{ border-color:#0B120C }
```

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



Here you see how a box with a 4 pixel #0B120C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B120C; -webkit-box-shadow:4px 4px  
4px 4px #0B120C; box-shadow:4px 4px 4px  
4px #0B120C }
```

Background

The CSS property to change the background color of an element to Hex 0B120C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B120C }
```

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

```
.background{ background-color:#0B120C }
```

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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