

Converting Colors

Hex(0A0C12)

Have a look what the booklet for
Hex(0A0C12) contains.

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Color

Hex(0A0C12)

Conversions

Conversions Part 1

Format	Color
Hex	0A0C12
RGB	10, 12, 18
RGB Percent	4%, 5%, 7%
CMY	0.9608, 0.9529, 0.9294
CMYK	0.44, 0.33, 0.00, 0.93
HSL	225°, 29%, 5%
HSV	225°, 44%, 7%
XYZ	0.3658, 0.3711, 0.6246
YIQ	12.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

Format	Color
R_{YB}	10, 12, 18
Decimal	658450
CIE Lab	3.35, 0.54, -3.15
CIE LCh	3, 3.199, 279.630
Yxy	0.3711, 0.2687, 0.2726
Android (android.graphics.Color)	4278848530 (0xFF0A0C12)
YUV	12.0860, 2.9156, -1.8294
Hunter-Lab	6.0922, 0.0574, -1.8144

Details

The Hex color **0A0C12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12100A**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **36383C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080B12**, and if you desaturate by 10%, it is **0C0D12**.

Distribution



Red (4%)

Green (5%)

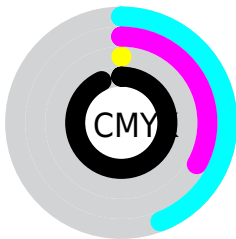
Blue (7%)



Red (4%)

Yellow (5%)

Blue (7%)

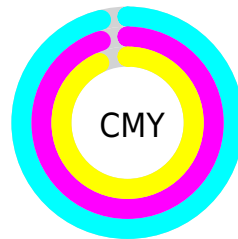


Cyan (44%)

Magenta (33%)

Yellow (0%)

Black (93%)



Cyan (96%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0C12 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 0A0C12 by changing the saturation by 10% instead.

■ 0A0C12

■ 0A0C12

■ EAECF2

■ 000000

■ 36383C

■ 4D4E53

■ 65666C

■ 7E7F85

■ 98999F

■ B2B4BA

■ CED0D6

■ 0A0C12

■ 0A0C12

■ 080B12

■ 0C0D12

■ 060912

■ 0E0F12

■ 050812

■ 0F1012

■ 030712

■ 111112

■ 010512

■ 131312

■ 000512

■ 151412

■ 171512

■ 181712

■ 1A1812

Harmonies

Analogous

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



060D12



0A0C12



0E0B11

Triad

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



0A0C12



130A07



060E09

Complementary

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



0A0C12



12100A

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.



0A0D06



0A0C12



110B05

Square

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



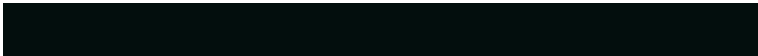
0A0C12



130A0B



0E0C05



030E0D

Rectangle

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



0A0C12



100A0F



0E0C05



070E08

Sweetspot

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



0A0C12



141517



0A1210



0B0B0D



8C8C8C



0D0D0D

Same Dimension

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



0A0C12



0B0E17



0C0A12



09090A



00124A



0032C9

Inverse Universe

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



120A0C



170B0E



10120A



0A0909



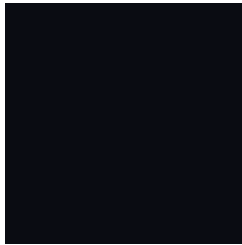
4A0012



C90032

Previews

White Background



This preview shows how the Hex color 0A0C12 looks on a white background.

Color Contrast Check

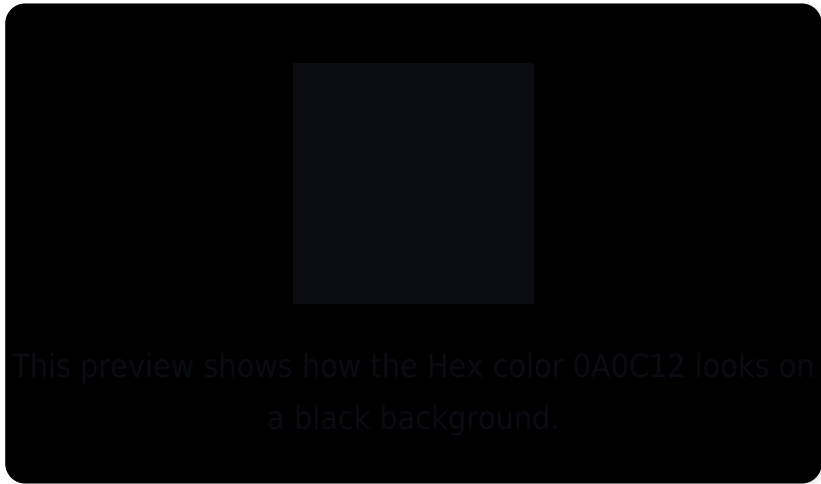
Large Text (above 18pt) WCAG AA ✓ Pass

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

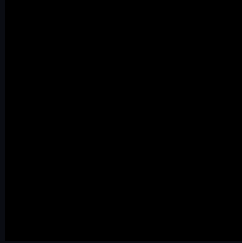
Any Text WCAG AA × Fail

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 0A0C12 Background



This preview shows how black text looks on a background with the Hex color 0A0C12.



This preview shows how white text looks on a background with the Hex color 0A0C12.

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](#).

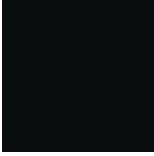
Dichromacy



Original Color
0A0C12

Protanopia
0A0C12

Deuteranopia
0A0C12



Tritanopia
090D0E

Trichromacy



Original Color

0A0C12

Protanomaly

0A0C12

Deuteranomaly

0A0C12

Tritanomaly

090D0F

Monochromacy



Original Color

0A0C12

Achromatopsia

0C0C0C

Achromatomaly

0B0C0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0C12 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 #0A0C12 looks like.

```
.text, #text, p{  
    color:#0A0C12  
}
```

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 #0A0C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0C12
}
```

Border

The CSS property to change the border of an element to Hex 0A0C12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

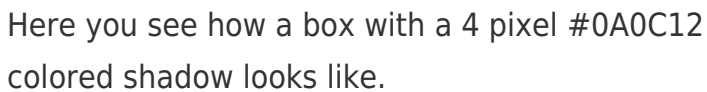
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A0C12 }
```

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

```
.border{ border-color:#0A0C12 }
```

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



Here you see how a box with a 4 pixel #0A0C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0C12; -webkit-box-shadow:4px 4px  
4px 4px #0A0C12; box-shadow:4px 4px 4px  
4px #0A0C12 }
```

Background

The CSS property to change the background color of an element to Hex 0A0C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0C12 }
```

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

```
.background{ background-color:#0A0C12 }
```

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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