

Converting Colors

Hex(0C1A13)

Have a look what the booklet for
Hex(0C1A13) contains.

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Color

Hex(0C1A13)

Conversions

Conversions Part 1

Format	Color
Hex	0C1A13
RGB	12, 26, 19
RGB Percent	5%, 10%, 7%
CMY	0.9529, 0.8980, 0.9255
CMYK	0.54, 0.00, 0.27, 0.90
HSL	150°, 37%, 7%
HSV	150°, 54%, 10%
XYZ	0.6386, 0.8640, 0.7492
YIQ	21.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

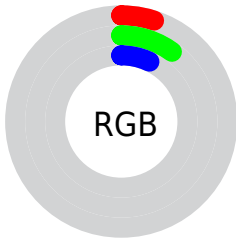
Format	Color
RYB	12, 21, 26
Decimal	793107
CIELab	7.80, -7.48, 2.74
CIElCh	8, 7.967, 159.888
Yxy	0.8640, 0.2836, 0.3837
Android (android.graphics.Color)	4278983187 (0xFF0C1A13)
YUV	21.0160, -0.9939, -7.9070
Hunter-Lab	9.2950, -4.0035, 1.7276

Details

The Hex color **0C1A13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A0C13**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **37453D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091A12**, and if you desaturate by 10%, it is **0F1A14**.

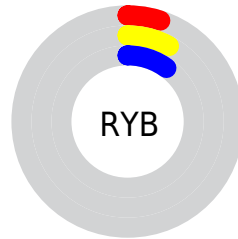
Distribution



Red (5%)

Green (10%)

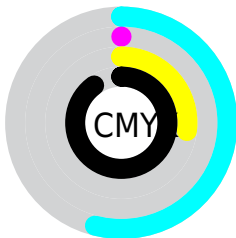
Blue (7%)



Red (5%)

Yellow (8%)

Blue (10%)

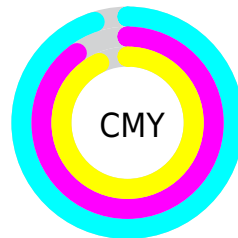


Cyan (54%)

Magenta (0%)

Yellow (27%)

Black (90%)



Cyan (95%)

Magenta (90%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1A13 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 0C1A13 by changing the saturation by 10% instead.

■ 0C1A13

■ 0C1A13

■ EBFDF3

■ 000000

■ 37453D

■ 4E5C54

■ 66756D

■ 7F8F86

■ 99A9A0

■ B4C4BB

■ CFE0D7

■ 0C1A13

■ 0C1A13

■ 091A12

■ 0F1A14

■ 071A10

■ 111A16

■ 041A0F

■ 141A17

■ 021A0E

■ 161A18

■ 001A0D

■ 191A19

■ 1C1A1B

■ 1E1A1C

■ 211A1D

■ 231A1F

Harmonies

Analogous

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



13190D



0C1A13



061A19

Triad

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



0C1A13



131721



21140F

Complementary

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



0C1A13



1A0C13

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.



221315



0C1A13



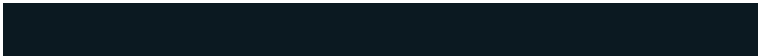
1A151F

Square

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



0C1A13



0B1921



1F141B



1F160A

Rectangle

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



0C1A13



061A1C



1F141B



221411

Sweetspot

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



0C1A13



1C211E



131A0C



0E1210



919191



121212

Same Dimension

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



0C1A13



0C2116



0C1A1A



0B0D0C



004D26



00CC66

Inverse Universe

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



1A0C13



210C16



1A0C0C



0D0B0C



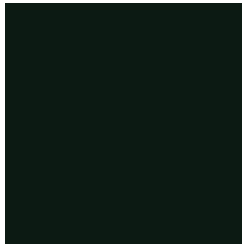
4D0026



CC0066

Previews

White Background



This preview shows how the Hex color 0C1A13 looks on a white background.

Color Contrast Check

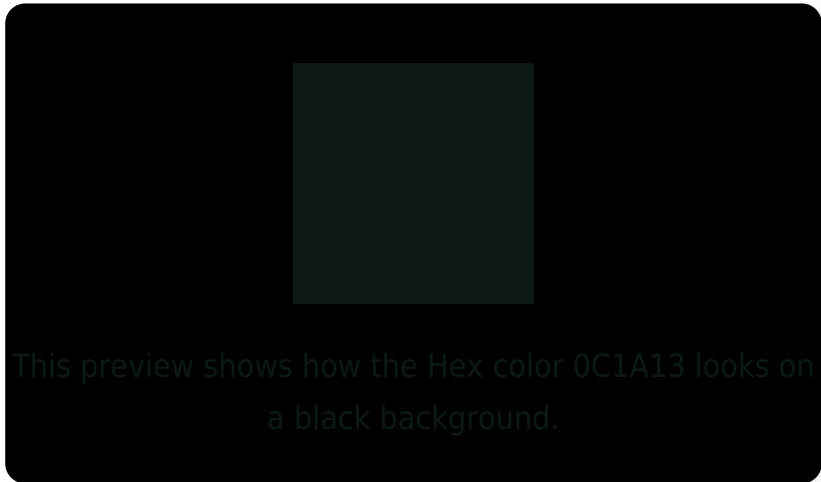
Large Text (above 18pt) WCAG AA ✓ Pass

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

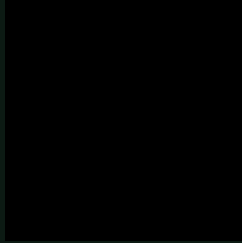
Any Text WCAG AA × Fail

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 0C1A13 Background



This preview shows how black text looks on a background with the Hex color 0C1A13.



This preview shows how white text looks on a background with the Hex color 0C1A13.

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](#).

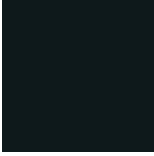
Dichromacy



Original Color
0C1A13

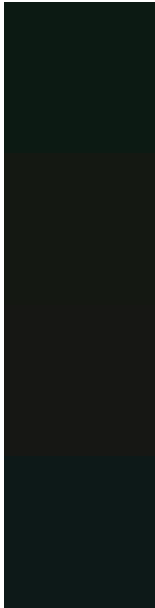
Protanopia
191712

Deuteranopia
1B1614



Tritanopia
0E191B

Trichromacy



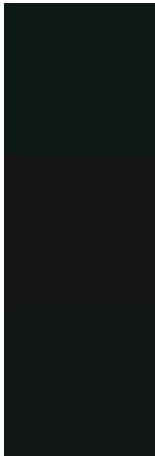
Original Color
OC1A13

Protanomaly
141812

Deuteranomaly
161714

Tritanomaly
0D1918

Monochromacy



Original Color
OC1A13

Achromatopsia
151515

Achromatomaly
121714

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1A13 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 #0C1A13 looks like.

```
.text, #text, p{  
    color:#0C1A13  
}
```

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 #0C1A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1A13
}
```

Border

The CSS property to change the border of an element to Hex 0C1A13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

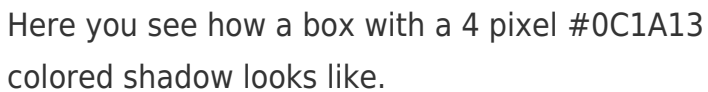
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C1A13 }
```

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

```
.border{ border-color:#0C1A13 }
```

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



Here you see how a box with a 4 pixel #0C1A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1A13; -webkit-box-shadow:4px 4px  
4px 4px #0C1A13; box-shadow:4px 4px 4px  
4px #0C1A13 }
```

Background

The CSS property to change the background color of an element to Hex 0C1A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1A13 }
```

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

```
.background{ background-color:#0C1A13 }
```

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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