

# Converting Colors

Hex(0D0A13)

Have a look what the booklet for  
Hex(0D0A13) contains.

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# Color

**Hex(0D0A13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0A13
RGB	13, 10, 19
RGB Percent	5%, 4%, 7%
CMY	0.9490, 0.9608, 0.9255
CMYK	0.32, 0.47, 0.00, 0.93
HSL	260°, 31%, 6%
HSV	260°, 47%, 7%
XYZ	0.3921, 0.3497, 0.6629
YIQ	11.9230, -1.1010, 3.4350

# Conversions

## Conversions Part 2

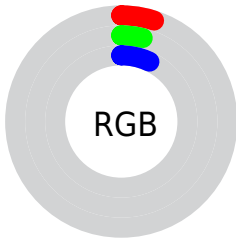
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 10, 19</a>
Decimal	<a href="#">854547</a>
CIELab	<a href="#">3.16, 2.45, -4.04</a>
CIELCh	<a href="#">3, 4.720, 301.218</a>
Yxy	<a href="#">0.3497, 0.2791, 0.2489</a>
Android (android.graphics.Color)	<a href="#">4279044627 (0xFF0D0A13)</a>
YUV	<a href="#">11.9230, 3.4890, 0.9445</a>
Hunter-Lab	<a href="#">5.9133, 1.4868, -2.5076</a>

# Details

The Hex color **0D0A13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10130A**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **38363D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C0813**, and if you desaturate by 10%, it is **0E0C13**.

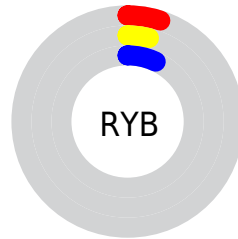
# Distribution



Red (5%)

Green (4%)

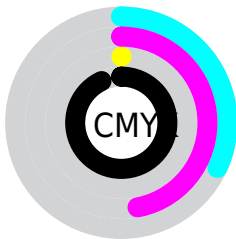
Blue (7%)



Red (5%)

Yellow (4%)

Blue (7%)

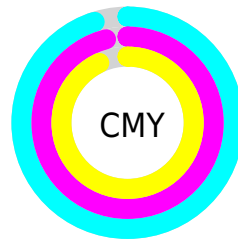


Cyan (32%)

Magenta (47%)

Yellow (0%)

Black (93%)



Cyan (95%)

Magenta (96%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D0A13 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 0D0A13 by changing the saturation by 10% instead.



0D0A13

0D0A13

EDEAF3

000000

38363D

4F4D54

67656D

807E86

9A98A0

B5B2BB

D0CED7

0D0A13

0D0A13

■ 0C0813

■ 0E0C13

■ 0A0613

■ 100E13

■ 090413

■ 111013

■ 080213

■ 121213

■ 070113

■ 131413

■ 060013

■ 151513

■ 161713

■ 171913

■ 181B13

# Harmonies

## Analogous

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



060C14



0D0A13



120910

# Triad

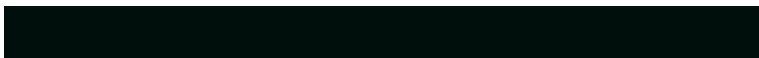
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0A13



130902



000F0B

# Complementary

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



0D0A13



10130A

# 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.



030E06



0D0A13



100B00

# Square

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



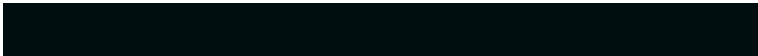
0D0A13



150806



0A0D02



000E10

# Rectangle

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



0D0A13



14080D



0A0D02



000E0A



# Sweetspot

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



0D0A13



17161A



0A1013



0B0B0D



8C8C8C



0D0D0D



# Same Dimension

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



0D0A13



100B1A



120A13



0A090A



19004A



4300C9



# Inverse Universe

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



130A10



1A0B15



0B130A



0A090A



4A0031

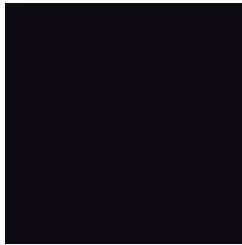


C90086



# Previews

## White Background



This preview shows how the Hex color 0D0A13 looks on a white background.

## Color Contrast Check

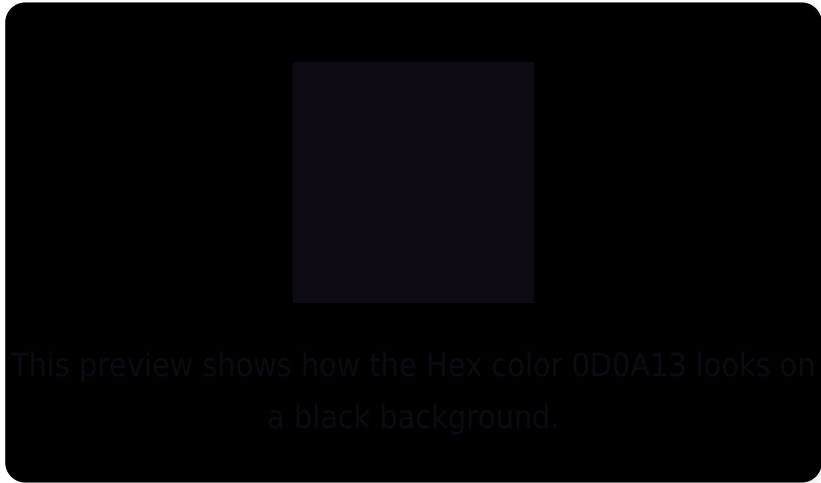
Large Text (above 18pt) WCAG AA ✓ Pass

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

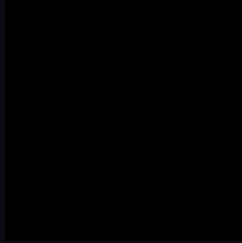
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D0A13 Background



This preview shows how black text looks on a background with the Hex color 0D0A13.

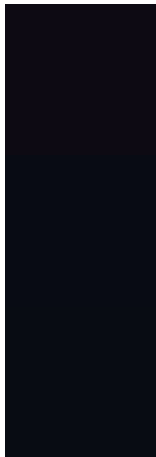


This preview shows how white text looks on a background with the Hex color 0D0A13.

# 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](#).

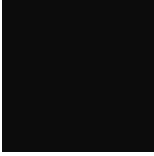
## Dichromacy



**Original Color**  
0D0A13

**Protanopia**  
080B14

**Deuteranopia**  
080C13



# Trichromacy



**Original Color**  
OD0A13

**Protanomaly**  
0A0B14

**Deuteranomaly**  
0A0B13

**Tritanomaly**  
0C0B0F

# Monochromacy



**Original Color**  
OD0A13

**Achromatopsia**  
0C0C0C

**Achromatomaly**  
0C0B0F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D0A13 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 #0D0A13 looks like.

```
.text, #text, p{  
    color:#0D0A13  
}
```

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 #0D0A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0A13
}
```

## Border

The CSS property to change the border of an element to Hex 0D0A13 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
#0D0A13 }
```

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

```
.border{ border-color:#0D0A13 }
```

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

Here you see how a box with a 4 pixel #0D0A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0A13; -webkit-box-shadow:4px 4px  
4px 4px #0D0A13; box-shadow:4px 4px 4px  
4px #0D0A13 }
```

# Background

The CSS property to change the background color of an element to Hex 0D0A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0A13 }
```

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

```
.background{ background-color:#0D0A13 }
```

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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