

# Converting Colors

Hex(0A0D17)

Have a look what the booklet for  
Hex(0A0D17) contains.

<b>Hex(0A0D17)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0A0D17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A0D17
RGB	10, 13, 23
RGB Percent	4%, 5%, 9%
CMY	0.9608, 0.9490, 0.9098
CMYK	0.57, 0.43, 0.00, 0.91
HSL	226°, 39%, 6%
HSV	226°, 57%, 9%
XYZ	0.4238, 0.4142, 0.8682
YIQ	13.2430, -4.9980, 2.4740

# Conversions

## Conversions Part 2

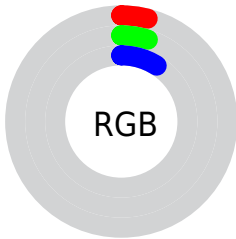
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 12, 23
Decimal	658711
CIE Lab	3.74, 1.23, -5.97
CIE LCh	4, 6.093, 281.648
Yxy	0.4142, 0.2484, 0.2428
Android (android.graphics.Color)	4278848791 (0xFF0A0D17)
YUV	13.2430, 4.8102, -2.8441
Hunter-Lab	6.4361, 0.4891, -3.4929

# Details

The Hex color **0A0D17** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17140A**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **363841**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080B17**, and if you desaturate by 10%, it is **0C0F17**.

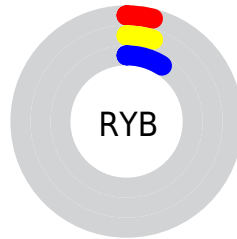
# Distribution



Red (4%)

Green (5%)

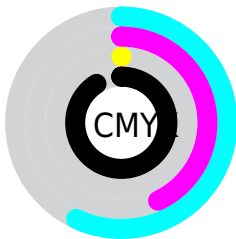
Blue (9%)



Red (4%)

Yellow (5%)

Blue (9%)

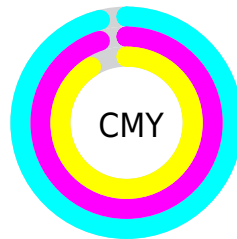


Cyan (57%)

Magenta (43%)

Yellow (0%)

Black (91%)



Cyan (96%)

Magenta (95%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A0D17 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 0A0D17 by changing the saturation by 10% instead.



■ 0A0D17

■ 0A0D17

■ EAEDF8

■ 000000

■ 363841

■ 4D4F59

■ 656771

■ 7E808B

■ 979AA5

■ B2B5C0

■ CED0DC

■ 0A0D17

■ 0A0D17

■ 080B17

■ 0C0F17

■ 050917

■ 0F1117

■ 030817

■ 111217

■ 010617

■ 131417

■ 000517

■ 161617

■ 181817

■ 1A1917

■ 1C1B17

■ 1F1D17

# Harmonies

## Analogous

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



020F17



0A0D17



110B15

# Triad

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



0A0D17



180A04



011109

# Complementary

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



0A0D17



17140A

# 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.



080F02



0A0D17



150C00

# Square

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



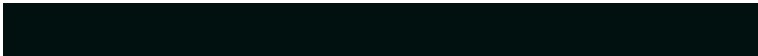
0A0D17



18090B



100E00



00110F

# Rectangle

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



0A0D17



150A13



100E00



031006



# Sweetspot

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



0A0D17



191B1F



0A1714



0C0D0F



8F8F8F



0F0F0F



# Same Dimension

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



0A0D17



0A0F1F



0D0A17



0B0C0D



00124D



002FCC



# Inverse Universe

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



170A0D



1F0A0F



14170A



0D0B0C



4D0012

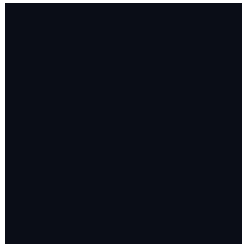


CC002F



# Previews

## White Background



This preview shows how the Hex color 0A0D17 looks on a white background.

## Color Contrast Check

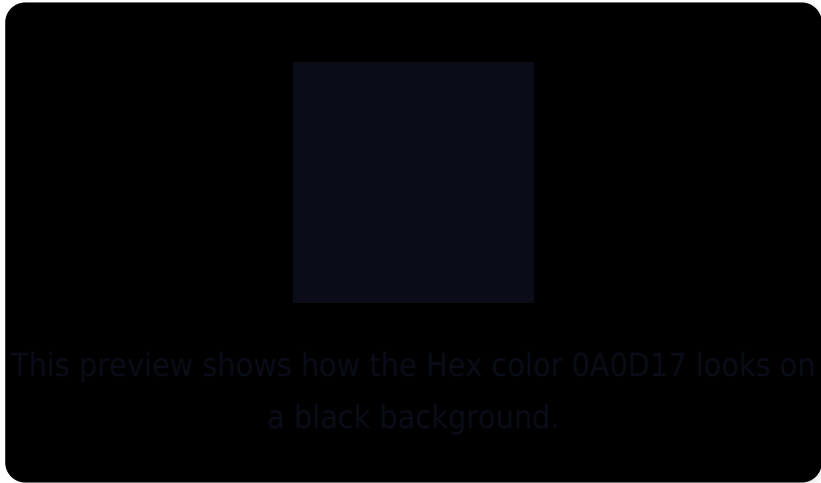
Large Text (above 18pt) WCAG AA ✓ Pass

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

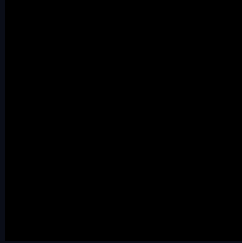
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A0D17 Background



This preview shows how black text looks on a background with the Hex color 0A0D17.



This preview shows how white text looks on a background with the Hex color 0A0D17.

# 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**  
0A0D17

**Protanopia**  
090D17

**Deuteranopia**  
070E17



**Tritanopia**  
070F10

# Trichromacy



**Original Color**

0A0D17

**Protanomaly**

090D17

**Deuteranomaly**

080E17

**Tritanomaly**

080E13

# Monochromacy



**Original Color**

0A0D17

**Achromatopsia**

0D0D0D

**Achromatomaly**

0C0D11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A0D17 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 #0A0D17 looks like.

```
.text, #text, p{  
    color:#0A0D17  
}
```

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 #0A0D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0D17
}
```

## Border

The CSS property to change the border of an element to Hex 0A0D17 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
#0A0D17 }
```

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

```
.border{ border-color:#0A0D17 }
```

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

Here you see how a box with a 4 pixel #0A0D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0D17; -webkit-box-shadow:4px 4px  
4px 4px #0A0D17; box-shadow:4px 4px 4px  
4px #0A0D17 }
```

# Background

The CSS property to change the background color of an element to Hex 0A0D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0D17 }
```

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

```
.background{ background-color:#0A0D17 }
```

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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