

# Converting Colors

Hex(0D1720)

Have a look what the booklet for  
Hex(0D1720) contains.

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# Color

**Hex(0D1720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D1720
RGB	13, 23, 32
RGB Percent	5%, 9%, 13%
CMY	0.9490, 0.9098, 0.8745
CMYK	0.59, 0.28, 0.00, 0.87
HSL	208°, 42%, 9%
HSV	208°, 59%, 13%
XYZ	0.7331, 0.8026, 1.4828
YIQ	21.0360, -8.8490, 0.6790

# Conversions

## Conversions Part 2

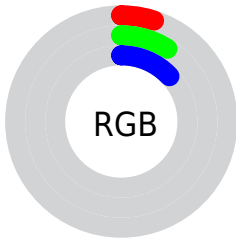
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 20, 32
Decimal	857888
CIE <sub>Lab</sub>	7.25, -1.22, -7.67
CIE <sub>LCh</sub>	7, 7.771, 260.961
Yxy	0.8026, 0.2429, 0.2659
Android (android.graphics.Color)	4279047968 (0xFF0D1720)
YUV	21.0360, 5.4053, -7.0476
Hunter-Lab	8.9590, -1.0723, -3.5416

# Details

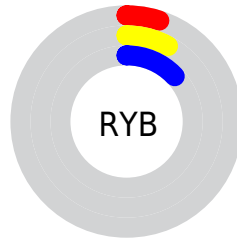
The Hex color **0D1720** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20160D**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **38414C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A1520**, and if you desaturate by 10%, it is **101920**.

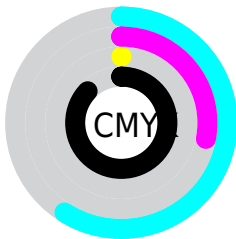
# Distribution



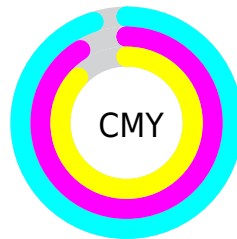
- Red (5%)
- Green (9%)
- Blue (13%)



- Red (5%)
- Yellow (8%)
- Blue (13%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (91%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D1720 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 0D1720 by changing the saturation by 10% instead.



■ 0D1720

■ 0D1720

■ EDF8FF

■ 000007

■ 38414C

■ 000000

■ 4F5964

■ 67717D

■ 808B97

■ 9AA5B1

■ B5C0CD

■ D1DCE9

■ 0D1720

■ 0D1720

■ 0A1520

■ 101920

■ 071420

■ 131A20

■ 031220

■ 171C20

■ 001120

■ 1A1D20

■ 1D1F20

■ 202020

■ 232220

■ 272320

■ 2A2520

# Harmonies

## Analogous

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



06181E



0D1720



151520

# Triad

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



0D1720



211212



0F180E

# Complementary

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



0D1720



20160D

# 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.



171709



0D1720



1F130C

# Square

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



0D1720



1F1218



1C1508



081914

# Rectangle

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



0D1720



19141E



1C1508



12180C



# Sweetspot

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



0D1720



212529



0D2016



101214



949494



141414



# Same Dimension

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



0D1720



0C1B29



0D0E20



0E0F0F



002A4F



006DCF



# Inverse Universe

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



200D17



290C1B



201F0D



0F0E0F



4F002A



CF006D



# Previews

## White Background



This preview shows how the Hex color 0D1720 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

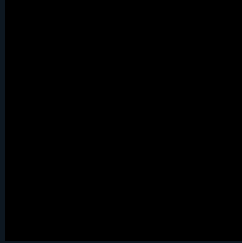
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

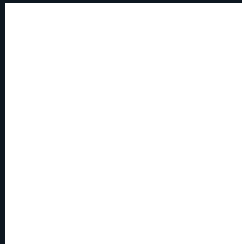
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D1720 Background



This preview shows how black text looks on a background with the Hex color 0D1720.



This preview shows how white text looks on a background with the Hex color 0D1720.

# 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](#).

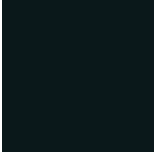
## Dichromacy



**Original Color**  
0D1720

**Protanopia**  
13161F

**Deuteranopia**  
121620



**Tritanopia**  
0A181A

# Trichromacy



**Original Color**  
OD1720

**Protanomaly**  
11161F

**Deuteranomaly**  
101620

**Tritanomaly**  
0B181C

# Monochromacy



**Original Color**  
OD1720

**Achromatopsia**  
151515

**Achromatomaly**  
121619

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D1720 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 #0D1720 looks like.

```
.text, #text, p{  
    color:#0D1720  
}
```

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 #0D1720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1720
}
```

## Border

The CSS property to change the border of an element to Hex 0D1720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

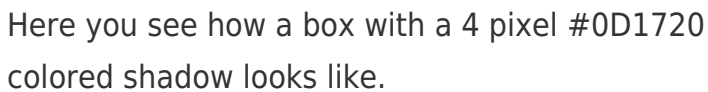
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1720 }
```

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

```
.border{ border-color:#0D1720 }
```

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



Here you see how a box with a 4 pixel #0D1720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1720; -webkit-box-shadow:4px 4px  
4px 4px #0D1720; box-shadow:4px 4px 4px  
4px #0D1720 }
```

# Background

The CSS property to change the background color of an element to Hex 0D1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1720 }
```

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

```
.background{ background-color:#0D1720 }
```

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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