

Converting Colors

Hex(0D2417)

Have a look what the booklet for
Hex(0D2417) contains.

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Color

Hex(0D2417)

Conversions

Conversions Part 1

Format	Color
Hex	0D2417
RGB	13, 36, 23
RGB Percent	5%, 14%, 9%
CMY	0.9490, 0.8588, 0.9098
CMYK	0.64, 0.00, 0.36, 0.86
HSL	146°, 47%, 10%
HSV	146°, 64%, 14%
XYZ	0.9515, 1.4092, 1.0325
YIQ	27.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

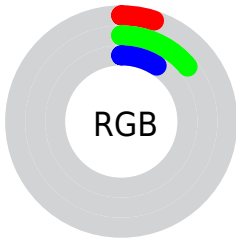
Format	Color
RYB	13, 29, 36
Decimal	861207
CIELab	12.02, -13.01, 5.98
CIELCh	12, 14.316, 155.327
Yxy	1.4092, 0.2804, 0.4153
Android (android.graphics.Color)	4279051287 (0xFF0D2417)
YUV	27.6410, -2.2880, -12.8402
Hunter-Lab	11.8709, -6.4664, 3.1529

Details

The Hex color **0D2417** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240D1A**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **385142**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092415**, and if you desaturate by 10%, it is **112419**.

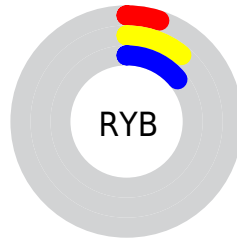
Distribution



Red (5%)

Green (14%)

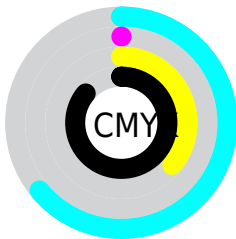
Blue (9%)



Red (5%)

Yellow (11%)

Blue (14%)

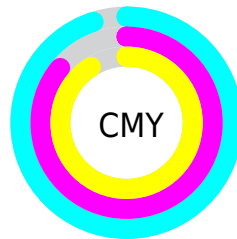


Cyan (64%)

Magenta (0%)

Yellow (36%)

Black (86%)



Cyan (95%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2417 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 0D2417 by changing the saturation by 10% instead.

 0D2417

 0D2417

 EFFFF9

 000D00

 385142

 000000

 506959

 688271

 819C8B

 9BB7A5

 B6D3C0

 D2EFDC

 0D2417

 0D2417

■ 092415

■ 112419

■ 062413

■ 14241B

■ 022411

■ 18241D

■ 002410

■ 1B241F

■ 1F2421

■ 232423

■ 262425

■ 2A2427

■ 2D2429

Harmonies

Analogous

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



1A220E



0D2417



002521

Triad

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



0D2417



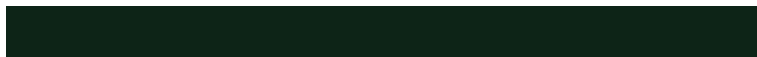
132033



311915

Complementary

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



0D2417



240D1A

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.



32181E



0D2417



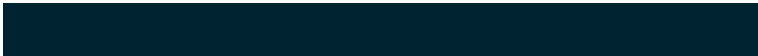
231C30

Square

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



0D2417



002331



2D1928



2D1C0C

Rectangle

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



0D2417



002528



2D1928



321818

Sweetspot

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



0D2417



252E29



1A240D



121714



969696



171717

Same Dimension

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



0D2417



0B2E1A



0D2422



101211



005223



00D15B

Inverse Universe

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



240D1A



2E0B1F



240D0F



121011



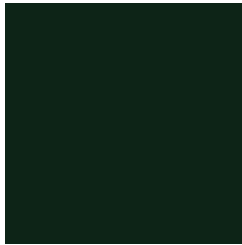
52002E



D10076

Previews

White Background



This preview shows how the Hex color 0D2417 looks on a white background.

Color Contrast Check

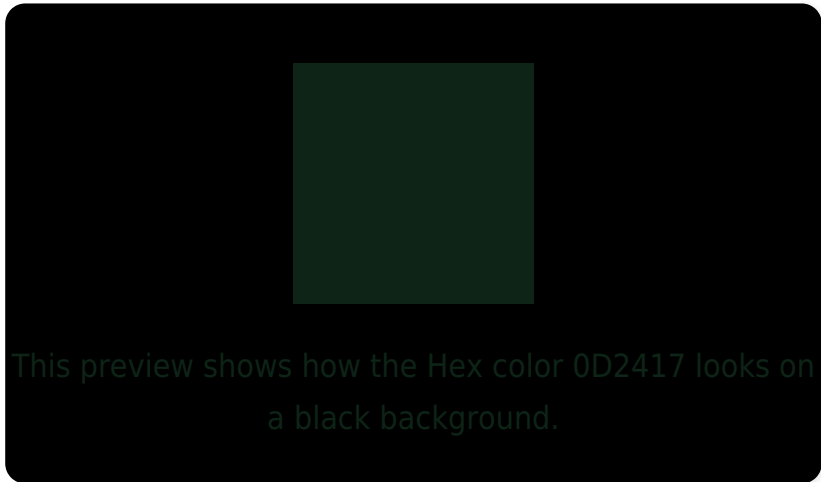
Large Text (above 18pt) WCAG AA ✓ Pass

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

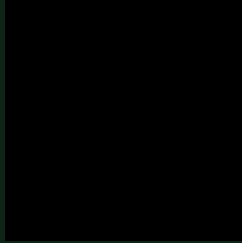
Any Text WCAG AA × Fail

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 0D2417 Background



This preview shows how black text looks on a background with the Hex color 0D2417.



This preview shows how white text looks on a background with the Hex color 0D2417.

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
0D2417

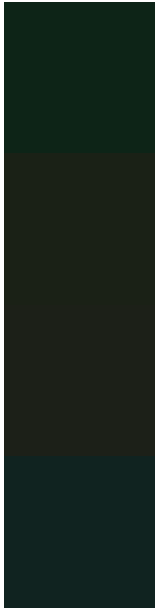
Protanopia
222015

Deuteranopia
251E18



Tritanopia
122225

Trichromacy



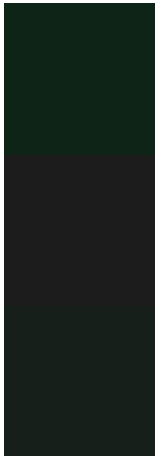
Original Color
0D2417

Protanomaly
1A2116

Deuteranomaly
1C2018

Tritanomaly
102320

Monochromacy



Original Color
0D2417

Achromatopsia
1C1C1C

Achromatomaly
171F1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2417 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 #0D2417 looks like.

```
.text, #text, p{  
    color:#0D2417  
}
```

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 #0D2417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2417
}
```

Border

The CSS property to change the border of an element to Hex 0D2417 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
#0D2417 }
```

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

```
.border{ border-color:#0D2417 }
```

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

Here you see how a box with a 4 pixel #0D2417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2417; -webkit-box-shadow:4px 4px  
4px 4px #0D2417; box-shadow:4px 4px 4px  
4px #0D2417 }
```

Background

The CSS property to change the background color of an element to Hex 0D2417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2417 }
```

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

```
.background{ background-color:#0D2417 }
```

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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