

Converting Colors

Hex(0C2427)

Have a look what the booklet for
Hex(0C2427) contains.

Hex(0C2427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C2427)

Conversions

Conversions Part 1

Format	Color
Hex	0C2427
RGB	12, 36, 39
RGB Percent	5%, 14%, 15%
CMY	0.9529, 0.8588, 0.8471
CMYK	0.69, 0.08, 0.00, 0.85
HSL	187°, 53%, 10%
HSV	187°, 69%, 15%
XYZ	1.1487, 1.4864, 2.1458
YIQ	29.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

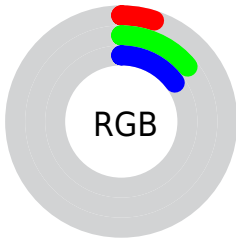
Format	Color
R_YB	12, 25, 39
Decimal	795687
CIE Lab	12.52, -8.19, -4.85
CIE LCh	13, 9.520, 210.610
Yxy	1.4864, 0.2403, 0.3109
Android (android.graphics.Color)	4278985767 (0xFF0C2427)
YUV	29.1660, 4.8482, -15.0546
Hunter-Lab	12.1918, -4.5175, -1.9011

Details

The Hex color **0C2427** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270F0C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **395154**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082427**, and if you desaturate by 10%, it is **102427**.

Distribution



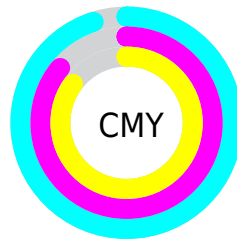
- Red (5%)
- Green (14%)
- Blue (15%)



- Red (5%)
- Yellow (10%)
- Blue (15%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2427 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 0C2427 by changing the saturation by 10% instead.

■ 0C2427

■ 0C2427

■ F0FFFF

■ 000F12

■ 395154

■ 000000

■ 50696C

■ 698285

■ 829C9F

■ 9CB7BA

■ B7D2D6

■ D3EFF2

■ 0C2427

■ 0C2427

■ 082427

■ 102427

■ 042327

■ 142527

■ 002327

■ 182527

■ 1C2627

■ 202627

■ 232727

■ 272727

■ 2B2727

■ 2F2827

Harmonies

Analogous

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



102420



0C2427



10232C

Triad

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



0C2427



291D27



252013

Complementary

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



0C2427



270F0C

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.



2B1E15



0C2427



2D1C21

Square

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



0C2427



221F2C



2E1C1A



1E2215

Rectangle

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



0C2427



15222D



2E1C1A



271F14

Sweetspot

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



0C2427



283233



0C270F



13191A



999999



1A1A1A

Same Dimension

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



0C2427



092E33



0C1727



121414



004B54



00BCD4

Inverse Universe

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



270C24



33092E



271C0C



141214



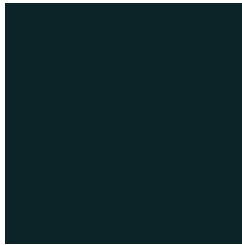
54004B



D400BC

Previews

White Background



This preview shows how the Hex color 0C2427 looks on a white background.

Color Contrast Check

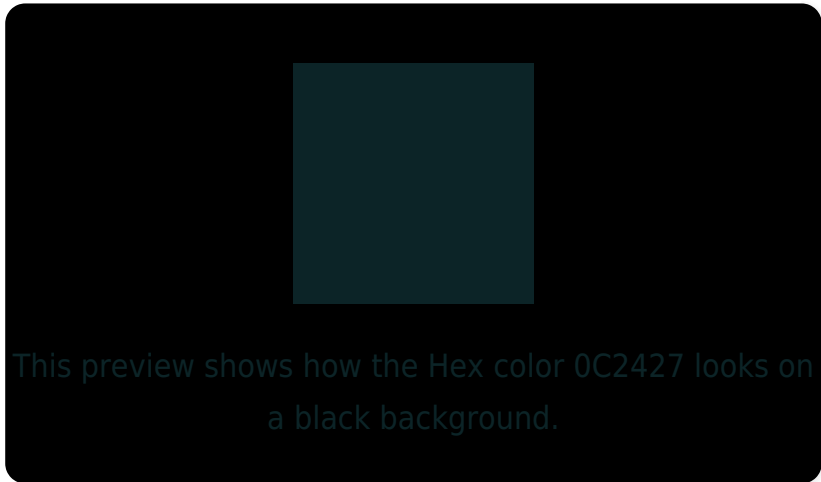
Large Text (above 18pt) WCAG AA ✓ Pass

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

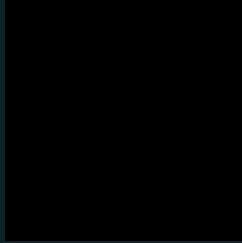
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

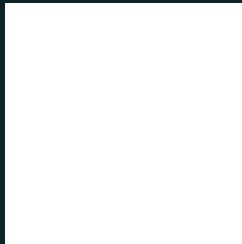
Any Text WCAG AAA × Fail

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

Hex 0C2427 Background



This preview shows how black text looks on a background with the Hex color 0C2427.



This preview shows how white text looks on a background with the Hex color 0C2427.

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
0C2427

Protanopia
202025

Deuteranopia
202028

Trichromacy



Original Color
0C2427

Protanomaly
192126

Deuteranomaly
192128

Tritanomaly
0C2427

Monochromacy



Original Color
0C2427

Achromatopsia
1D1D1D

Achromatomaly
172021

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2427 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 #0C2427 looks like.

```
.text, #text, p{  
    color:#0C2427  
}
```

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 #0C2427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2427
}
```

Border

The CSS property to change the border of an element to Hex 0C2427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

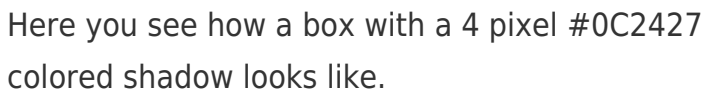
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C2427 }
```

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

```
.border{ border-color:#0C2427 }
```

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



Here you see how a box with a 4 pixel #0C2427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2427; -webkit-box-shadow:4px 4px  
4px 4px #0C2427; box-shadow:4px 4px 4px  
4px #0C2427 }
```

Background

The CSS property to change the background color of an element to Hex 0C2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2427 }
```

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

```
.background{ background-color:#0C2427 }
```

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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