

Converting Colors

Hex(0C2227)

Have a look what the booklet for
Hex(0C2227) contains.

Hex(0C2227)	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(0C2227)

Conversions

Conversions Part 1

Format	Color
Hex	0C2227
RGB	12, 34, 39
RGB Percent	5%, 13%, 15%
CMY	0.9529, 0.8667, 0.8471
CMYK	0.69, 0.13, 0.00, 0.85
HSL	191°, 53%, 10%
HSV	191°, 69%, 15%
XYZ	1.0899, 1.3687, 2.1262
YIQ	27.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

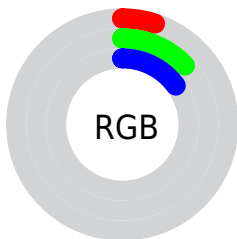
Format	Color
R_YB	12, 24, 39
Decimal	795175
CIE Lab	11.75, -6.85, -6.02
CIE LCh	12, 9.119, 221.280
Yxy	1.3687, 0.2377, 0.2985
Android (android.graphics.Color)	4278985255 (0xFF0C2227)
YUV	27.9920, 5.4269, -14.0250
Hunter-Lab	11.6991, -3.8450, -2.5859

Details

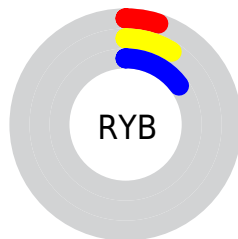
The Hex color **0C2227** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27110C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **384E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082127**, and if you desaturate by 10%, it is **102327**.

Distribution



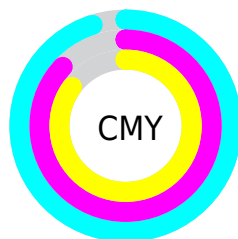
- Red (5%)
- Green (13%)
- Blue (15%)



- Red (5%)
- Yellow (9%)
- Blue (15%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2227 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 0C2227 by changing the saturation by 10% instead.

■ 0C2227

■ 0C2227

■ EFFFFFF

■ 000C13

■ 384E54

■ 000000

■ 50666C

■ 687F85

■ 82999F

■ 9CB4BA

■ B7D0D6

■ D3ECF2

■ 0C2227

■ 0C2227

■ 082127

■ 102327

■ 042127

■ 142327

■ 002027

■ 182427

■ 1C2527

■ 202627

■ 232627

■ 272727

■ 2B2827

■ 2F2927

Harmonies

Analogous

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



0D2221



0C2227



12212B

Triad

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



0C2227



291B23



211F12

Complementary

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



0C2227



27110C

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.



271D13



0C2227



2C1A1D

Square

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



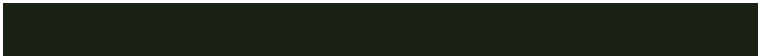
0C2227



231D28



2B1B17



1A2115

Rectangle

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



0C2227



171F2B



2B1B17



231F12

Sweetspot

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



0C2227



283133



0C2711



13181A



999999



1A1A1A

Same Dimension

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



0C2227



092B33



0C1527



121414



004554



00ACD4

Inverse Universe

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



270C22



33092B



271E0C



141214



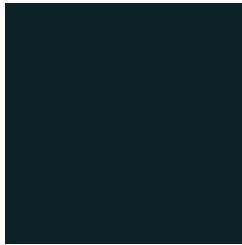
540045



D400AC

Previews

White Background



This preview shows how the Hex color 0C2227 looks on a white background.

Color Contrast Check

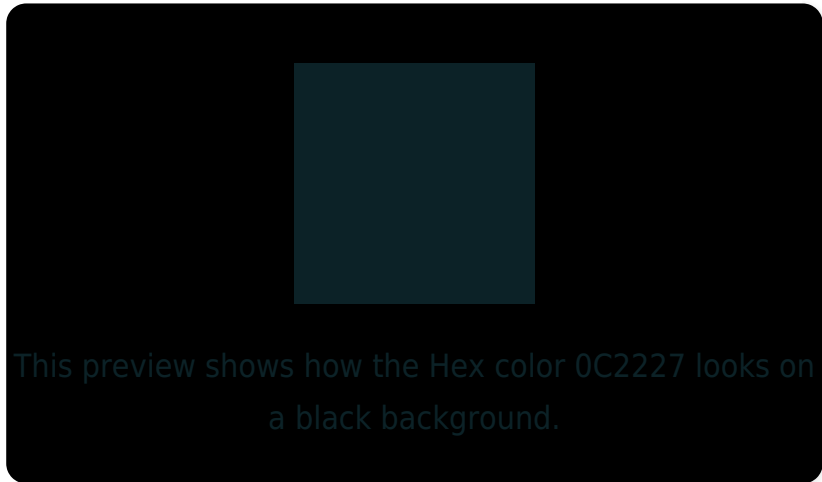
Large Text (above 18pt) WCAG AA ✓ Pass

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

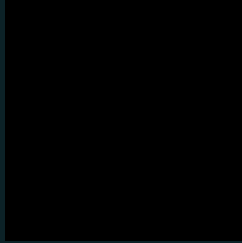
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

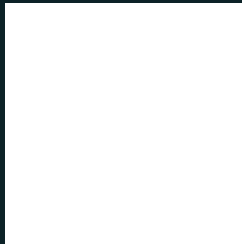
Any Text WCAG AAA × Fail

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

Hex 0C2227 Background



This preview shows how black text looks on a background with the Hex color 0C2227.

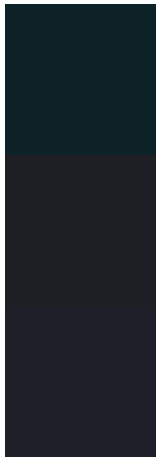


This preview shows how white text looks on a background with the Hex color 0C2227.

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
0C2227

Protanopia
1E1F25

Deuteranopia
1E1F28



Tritanopia
0B2225

Trichromacy



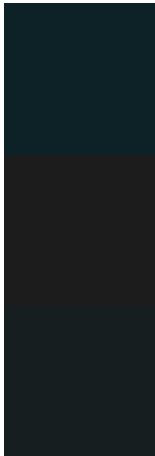
Original Color
0C2227

Protanomaly
172026

Deuteranomaly
172028

Tritanomaly
0B2226

Monochromacy



Original Color
0C2227

Achromatopsia
1C1C1C

Achromatomaly
161E20

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2227 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 #0C2227 looks like.

```
.text, #text, p{  
    color:#0C2227  
}
```

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 #0C2227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2227
}
```

Border

The CSS property to change the border of an element to Hex 0C2227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

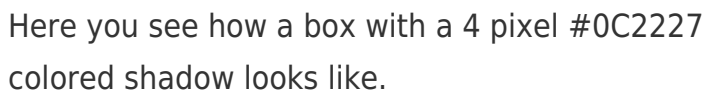
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C2227 }
```

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

```
.border{ border-color:#0C2227 }
```

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



Here you see how a box with a 4 pixel #0C2227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2227; -webkit-box-shadow:4px 4px  
4px 4px #0C2227; box-shadow:4px 4px 4px  
4px #0C2227 }
```

Background

The CSS property to change the background color of an element to Hex 0C2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2227 }
```

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

```
.background{ background-color:#0C2227 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor