

Converting Colors

Hex(0C2116)

Have a look what the booklet for
Hex(0C2116) contains.

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Color

Hex(0C2116)

Conversions

Conversions Part 1

Format	Color
Hex	0C2116
RGB	12, 33, 22
RGB Percent	5%, 13%, 9%
CMY	0.9529, 0.8706, 0.9137
CMYK	0.64, 0.00, 0.33, 0.87
HSL	149°, 47%, 9%
HSV	149°, 64%, 13%
XYZ	0.8403, 1.2238, 0.9510
YIQ	25.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

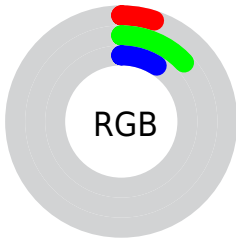
Format	Color
RYB	12, 26, 33
Decimal	794902
CIELab	10.73, -11.84, 4.90
CIELCh	11, 12.811, 157.508
Yxy	1.2238, 0.2787, 0.4059
Android (android.graphics.Color)	4278984982 (0xFF0C2116)
YUV	25.4670, -1.7092, -11.8106
Hunter-Lab	11.0626, -5.8009, 2.6470

Details

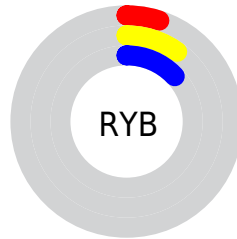
The Hex color **0C2116** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210C17**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **374D40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092114**, and if you desaturate by 10%, it is **0F2118**.

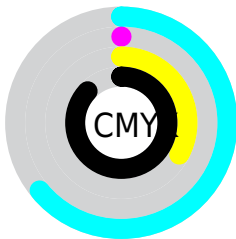
Distribution



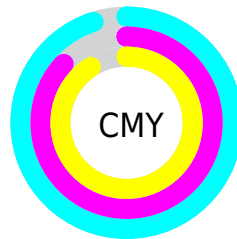
- Red (5%)
- Green (13%)
- Blue (9%)



- Red (5%)
- Yellow (10%)
- Blue (13%)



- Cyan (64%)
- Magenta (0%)
- Yellow (33%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2116 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 0C2116 by changing the saturation by 10% instead.

■ 0C2116

■ 0C2116

■ ECFFF7

■ 000500

■ 374D40

■ 000000

■ 4E6558

■ 667E70

■ 7F9889

■ 9AB3A4

■ B4CFBF

■ D0EBDB

■ 0C2116

■ 0C2116

■ 092114

■ 0F2118

■ 052113

■ 132119

■ 022111

■ 16211B

■ 002110

■ 19211D

■ 1D211F

■ 202120

■ 232122

■ 262124

■ 2A2126

Harmonies

Analogous

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



171F0D



0C2116



01221F

Triad

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



0C2116



141D2E



2D1712

Complementary

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



0C2116



210C17

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.



2E161B



0C2116



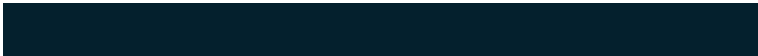
211A2B

Square

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



0C2116



04202D



2A1724



281A0A

Rectangle

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



0C2116



002125



2A1724



2E1715

Sweetspot

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



0C2116



232B27



17210C



121714



969696



171717

Same Dimension

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



0C2116



0A2B1A



0C2120



0E0F0E



004F26



00CF62

Inverse Universe

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



210C17



2B0A1C



210C0D



0F0E0F



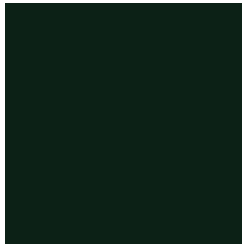
4F0029



CF006C

Previews

White Background



This preview shows how the Hex color 0C2116 looks on a white background.

Color Contrast Check

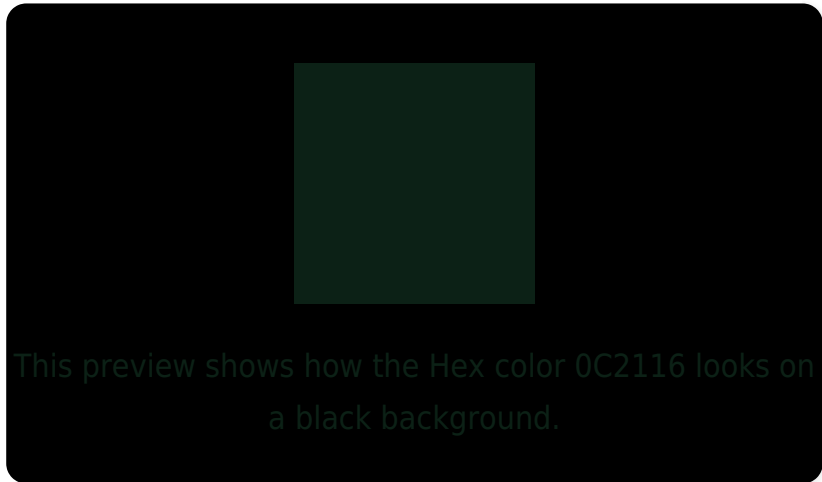
Large Text (above 18pt) WCAG AA ✓ Pass

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

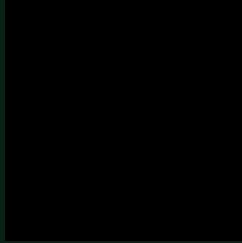
Any Text WCAG AA × Fail

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 0C2116 Background



This preview shows how black text looks on a background with the Hex color 0C2116.



This preview shows how white text looks on a background with the Hex color 0C2116.

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

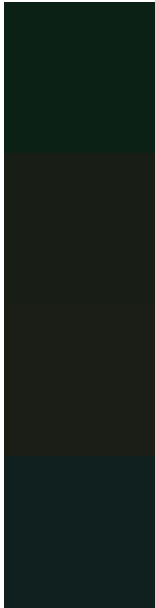


Original Color
0C2116

Protanopia
1F1D14

Deuteranopia
221C17

Trichromacy



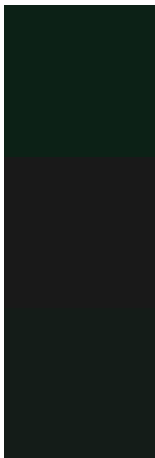
Original Color
0C2116

Protanomaly
181E15

Deuteranomaly
1A1E17

Tritanomaly
0F201E

Monochromacy



Original Color
0C2116

Achromatopsia
191919

Achromatomaly
141C18

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2116 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 #0C2116 looks like.

```
.text, #text, p{  
    color:#0C2116  
}
```

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 #0C2116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2116
}
```

Border

The CSS property to change the border of an element to Hex 0C2116 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
#0C2116 }
```

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

```
.border{ border-color:#0C2116 }
```

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

Here you see how a box with a 4 pixel #0C2116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2116; -webkit-box-shadow:4px 4px  
4px 4px #0C2116; box-shadow:4px 4px 4px  
4px #0C2116 }
```

Background

The CSS property to change the background color of an element to Hex 0C2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2116 }
```

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

```
.background{ background-color:#0C2116 }
```

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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