

Converting Colors

Hex(0C3C13)

Have a look what the booklet for
Hex(0C3C13) contains.

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Color

Hex(0C3C13)

Conversions

Conversions Part 1

Format	Color
Hex	0C3C13
RGB	12, 60, 19
RGB Percent	5%, 24%, 7%
CMY	0.9529, 0.7647, 0.9255
CMYK	0.80, 0.00, 0.68, 0.76
HSL	129°, 67%, 14%
HSV	129°, 80%, 24%
XYZ	1.8850, 3.3569, 1.1647
YIQ	40.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

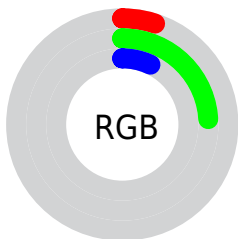
Format	Color
RYB	12, 54, 60
Decimal	801811
CIELab	21.42, -25.95, 20.45
CIELCh	21, 33.041, 141.762
Yxy	3.3569, 0.2942, 0.5240
Android (android.graphics.Color)	4278991891 (0xFF0C3C13)
YUV	40.9740, -10.8332, -25.4102
Hunter-Lab	18.3218, -13.6984, 9.0563

Details

The Hex color **0C3C13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3C0C35**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3E6C3F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **063C0E**, and if you desaturate by 10%, it is **123C18**.

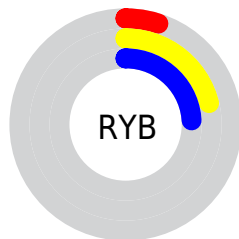
Distribution



Red (5%)

Green (24%)

Blue (7%)



Red (5%)

Yellow (21%)

Blue (24%)

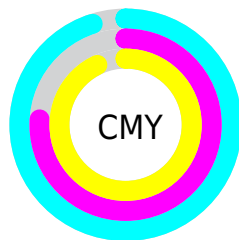


Cyan (80%)

Magenta (0%)

Yellow (68%)

Black (76%)



Cyan (95%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3C13 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 0C3C13 by changing the saturation by 10% instead.

 0C3C13

 0C3C13

 FAFFF7

 002600

 3E6C3F

 000A00

 578657

 000000

 70A06F

 8BBB89

 A5D7A3

 C1F3BE

 DDFFDA

 0C3C13

 0C3C13

■ 063C0E

■ 123C18

■ 003C09

■ 183C1D

■ 1E3C22

■ 243C28

■ 2A3C2D

■ 303C32

■ 363C37

■ 3C3C3C

■ 423C41

Harmonies

Analogous

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



2E3700



0C3C13



003E2C

Triad

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



0C3C13



003864



5E1C23

Complementary

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



0C3C13



3C0C35

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.



5B1B3B



0C3C13



253061

Square

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



0C3C13



003D59



4A2452



56260C

Rectangle

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



0C3C13



003F3D



4A2452



5F1A2B

Sweetspot

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



0C3C13



3C4F3F



363C0C



1D291F



A8A8A8



292929

Same Dimension

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



0C3C13



034F0E



0C3C2A



1C1F1C



005E0E



00DE20

Inverse Universe

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



3C0C35



4F0344



3C0C1E



1F1C1E



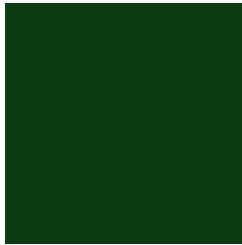
5E0051



DE00BD

Previews

White Background



This preview shows how the Hex color 0C3C13 looks on a white background.

Color Contrast Check

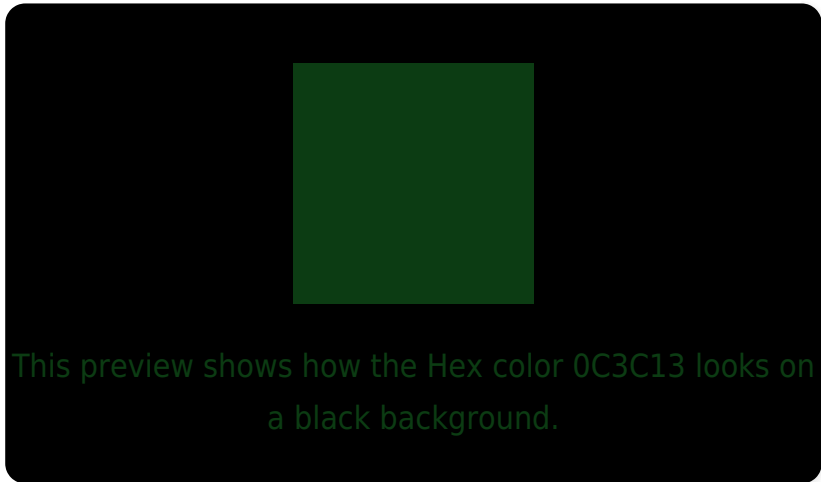
Large Text (above 18pt) WCAG AA ✓ Pass

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

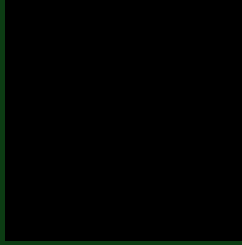
Any Text WCAG AA × Fail

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 0C3C13 Background



This preview shows how black text looks on a background with the Hex color 0C3C13.



This preview shows how white text looks on a background with the Hex color 0C3C13.

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](#).

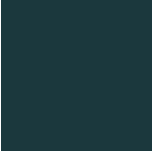
Dichromacy



Original Color
0C3C13

Protanopia
3A3411

Deuteranopia
403117



Tritanopia
1B383D

Trichromacy



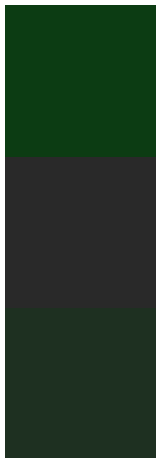
Original Color
0C3C13

Protanomaly
293712

Deuteranomaly
2D3516

Tritanomaly
16392E

Monochromacy



Original Color
0C3C13

Achromatopsia
292929

Achromatomaly
1E3021

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3C13 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 #0C3C13 looks like.

```
.text, #text, p{  
    color:#0C3C13  
}
```

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 #0C3C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3C13
}
```

Border

The CSS property to change the border of an element to Hex 0C3C13 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
#0C3C13 }
```

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

```
.border{ border-color:#0C3C13 }
```

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

Here you see how a box with a 4 pixel #0C3C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3C13; -webkit-box-shadow:4px 4px  
4px 4px #0C3C13; box-shadow:4px 4px 4px  
4px #0C3C13 }
```

Background

The CSS property to change the background color of an element to Hex 0C3C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3C13 }
```

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

```
.background{ background-color:#0C3C13 }
```

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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