

Converting Colors

Hex(0C3C11)

Have a look what the booklet for
Hex(0C3C11) contains.

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Color

Hex(0C3C11)

Conversions

Conversions Part 1

Format	Color
Hex	0C3C11
RGB	12, 60, 17
RGB Percent	5%, 24%, 7%
CMY	0.9529, 0.7647, 0.9333
CMYK	0.80, 0.00, 0.72, 0.76
HSL	126°, 67%, 14%
HSV	126°, 80%, 24%
XYZ	1.8687, 3.3504, 1.0785
YIQ	40.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

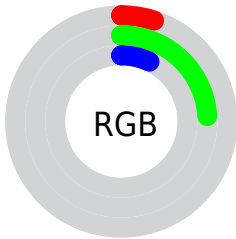
Format	Color
RYB	12, 55, 60
Decimal	801809
CIELab	21.40, -26.24, 21.52
CIElCh	21, 33.938, 140.640
Yxy	3.3504, 0.2967, 0.5320
Android (android.graphics.Color)	4278991889 (0xFF0C3C11)
YUV	40.7460, -11.7068, -25.2102
Hunter-Lab	18.3040, -13.8088, 9.3193

Details

The Hex color **0C3C11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3C0C37**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3E6C3D**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **063C0C**, and if you desaturate by 10%, it is **123C16**.

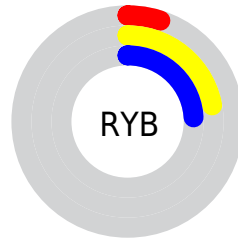
Distribution



Red (5%)

Green (24%)

Blue (7%)



Red (5%)

Yellow (22%)

Blue (24%)

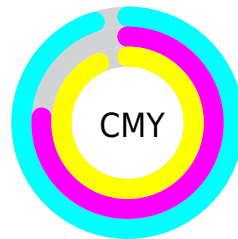


Cyan (80%)

Magenta (0%)

Yellow (72%)

Black (76%)



Cyan (95%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3C11 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 0C3C11 by changing the saturation by 10% instead.

 0C3C11

 0C3C11

 FAFFF5

 002600

 3E6C3D

 000A00

 578655

 000000

 71A06D

 8BBB87

 A6D7A1

 C1F3BC

 DDFFD8

 0C3C11

 0C3C11

■ 063C0C

■ 123C16

■ 003C06

■ 183C1C

■ 1E3C21

■ 243C26

■ 2A3C2C

■ 303C31

■ 363C37

■ 3C3C3C

■ 423C41

Harmonies

Analogous

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



2F3700



0C3C11



003E2A

Triad

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



0C3C11



003965



5F1B23

Complementary

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



0C3C11



3C0C37

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.



5C1A3C



0C3C11



223063

Square

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



0C3C11



003D5A



4A2453



57250C

Rectangle

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



0C3C11



003F3C



4A2453



60192B

Sweetspot

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



0C3C11



3C4F3E



373C0C



1D291E



A8A8A8



292929

Same Dimension

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



0C3C11



034F0B



0C3C29



1C1F1C



005E0A



00DE17

Inverse Universe

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



3C0C37



4F0347



3C0C1F



1F1C1E



5E0055



DE00C7

Previews

White Background



This preview shows how the Hex color 0C3C11 looks on a white background.

Color Contrast Check

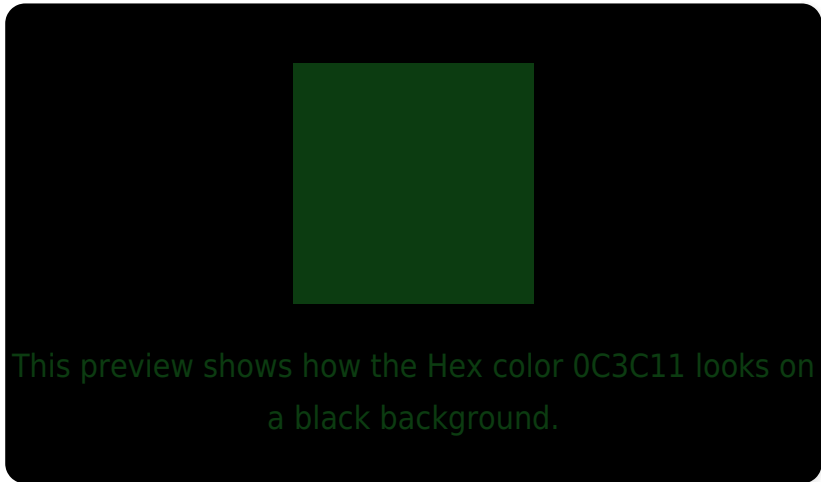
Large Text (above 18pt) WCAG AA ✓ Pass

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

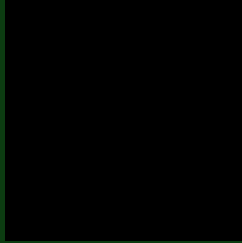
Any Text WCAG AA × Fail

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 0C3C11 Background



This preview shows how black text looks on a background with the Hex color 0C3C11.



This preview shows how white text looks on a background with the Hex color 0C3C11.

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](#).

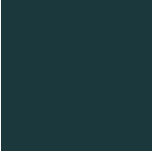
Dichromacy



Original Color
0C3C11

Protanopia
3A340F

Deuteranopia
403115



Tritanopia
1B383D

Trichromacy



Original Color
0C3C11

Protanomaly
293710

Deuteranomaly
2D3514

Tritanomaly
16392D

Monochromacy



Original Color
0C3C11

Achromatopsia
292929

Achromatomaly
1E3020

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3C11 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 #0C3C11 looks like.

```
.text, #text, p{  
    color:#0C3C11  
}
```

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 #0C3C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3C11
}
```

Border

The CSS property to change the border of an element to Hex 0C3C11 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
#0C3C11 }
```

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

```
.border{ border-color:#0C3C11 }
```

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

Here you see how a box with a 4 pixel #0C3C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3C11; -webkit-box-shadow:4px 4px  
4px 4px #0C3C11; box-shadow:4px 4px 4px  
4px #0C3C11 }
```

Background

The CSS property to change the background color of an element to Hex 0C3C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3C11 }
```

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

```
.background{ background-color:#0C3C11 }
```

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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