

Converting Colors

Hex(0D3A11)

Have a look what the booklet for
Hex(0D3A11) contains.

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Color

Hex(0D3A11)

Conversions

Conversions Part 1

Format	Color
Hex	0D3A11
RGB	13, 58, 17
RGB Percent	5%, 23%, 7%
CMY	0.9490, 0.7725, 0.9333
CMYK	0.78, 0.00, 0.71, 0.77
HSL	125°, 63%, 14%
HSV	125°, 78%, 23%
XYZ	1.7802, 3.1521, 1.0449
YIQ	39.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

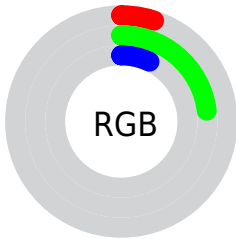
Format	Color
RYB	13, 54, 58
Decimal	866833
CIELab	20.64, -25.16, 20.68
CIELCh	21, 32.566, 140.587
Yxy	3.1521, 0.2978, 0.5274
Android (android.graphics.Color)	4279056913 (0xFF0D3A11)
YUV	39.8710, -11.2754, -23.5659
Hunter-Lab	17.7543, -13.1719, 8.9385

Details

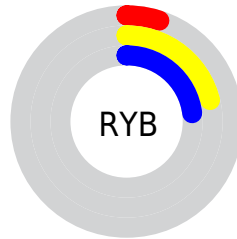
The Hex color **0D3A11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0D36**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3E6A3D**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **073A0C**, and if you desaturate by 10%, it is **133A16**.

Distribution



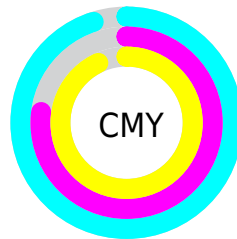
- Red (5%)
- Green (23%)
- Blue (7%)



- Red (5%)
- Yellow (21%)
- Blue (23%)



- Cyan (78%)
- Magenta (0%)
- Yellow (71%)
- Black (77%)



- Cyan (95%)
- Magenta (77%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3A11 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 0D3A11 by changing the saturation by 10% instead.

 0D3A11

 0D3A11

 FAFFF4

 002400

 3E6A3D

 000400

 578354

 000000

 709D6D

 8AB986

 A5D4A1

 C1F1BC

 DDFFD8

 0D3A11

 0D3A11

■ 073A0C

■ 133A16

■ 013A06

■ 193A1C

■ 003A05

■ 1E3A21

■ 243A26

■ 2A3A2B

■ 303A31

■ 363A36

■ 3B3A3B

■ 413A41

Harmonies

Analogous

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



2E3500



0D3A11



003C29

Triad

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



0D3A11



003761



5C1A22

Complementary

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



0D3A11



3A0D36

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.



591A3A



0D3A11



212F5F

Square

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



0D3A11



003B56



472450



54240C

Rectangle

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



0D3A11



003D3A



472450



5C192A

Sweetspot

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



0D3A11



3B4D3C



363A0D



1C261C



A6A6A6



262626

Same Dimension

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



0D3A11



054D0C



0D3A27



191C19



005C08



00DB13

Inverse Universe

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



3A0D36



4D0546



3A0D20



1C191C



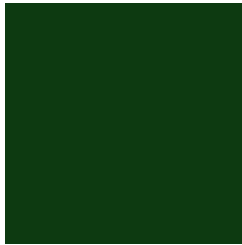
5C0054



DB00C8

Previews

White Background



This preview shows how the Hex color 0D3A11 looks on a white background.

Color Contrast Check

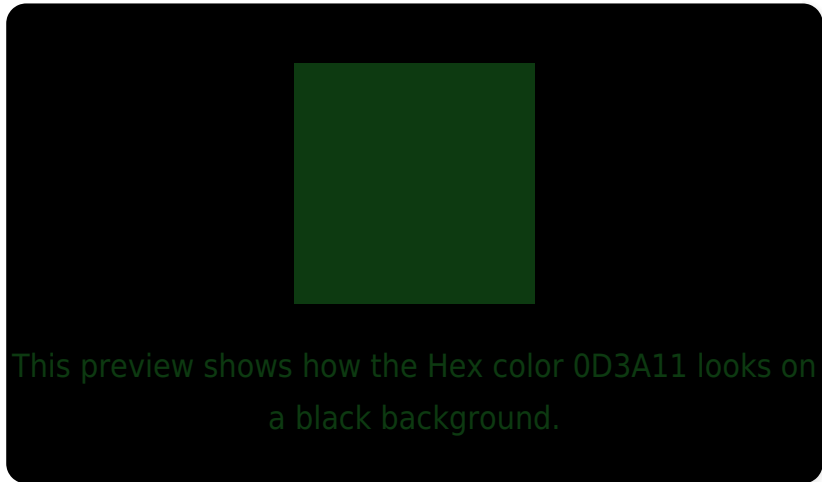
Large Text (above 18pt) WCAG AA ✓ Pass

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

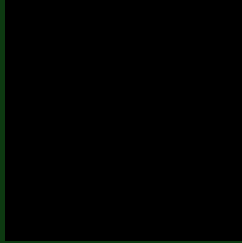
Any Text WCAG AA × Fail

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 0D3A11 Background



This preview shows how black text looks on a background with the Hex color 0D3A11.



This preview shows how white text looks on a background with the Hex color 0D3A11.

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](#).

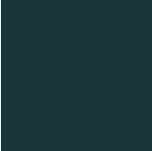
Dichromacy



Original Color
0D3A11

Protanopia
38320F

Deuteranopia
3E2F15



Tritanopia
1A363B

Trichromacy



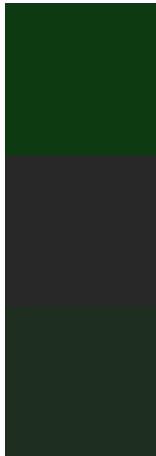
Original Color
0D3A11

Protanomaly
283510

Deuteranomaly
2C3314

Tritanomaly
15372C

Monochromacy



Original Color
0D3A11

Achromatopsia
282828

Achromatomaly
1E2F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3A11 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 #0D3A11 looks like.

```
.text, #text, p{  
    color:#0D3A11  
}
```

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 #0D3A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3A11
}
```

Border

The CSS property to change the border of an element to Hex 0D3A11 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
#0D3A11 }
```

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

```
.border{ border-color:#0D3A11 }
```

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

Here you see how a box with a 4 pixel #0D3A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3A11; -webkit-box-shadow:4px 4px  
4px 4px #0D3A11; box-shadow:4px 4px 4px  
4px #0D3A11 }
```

Background

The CSS property to change the background color of an element to Hex 0D3A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3A11 }
```

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

```
.background{ background-color:#0D3A11 }
```

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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