

# Converting Colors

Hex(011D13)

Have a look what the booklet for  
Hex(011D13) contains.

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# Color

**Hex(011D13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	011D13
RGB	1, 29, 19
RGB Percent	0%, 11%, 7%
CMY	0.9961, 0.8863, 0.9255
CMYK	0.97, 0.00, 0.34, 0.89
HSL	159°, 93%, 6%
HSV	159°, 97%, 11%
XYZ	0.5694, 0.9322, 0.7660
YIQ	19.4880, -13.4780, -9.0460

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">1, 18, 29</a>
Decimal	<a href="#">72979</a>
CIELab	<a href="#">8.41, -12.94, 3.55</a>
CIElCh	<a href="#">8, 13.417, 164.661</a>
Yxy	<a href="#">0.9322, 0.2511, 0.4111</a>
Android (android.graphics.Color)	<a href="#">4278263059</a> ( <a href="#">0xFF011D13</a> )
YUV	<a href="#">19.4880, -0.2406, -16.2140</a>
Hunter-Lab	<a href="#">9.6551, -6.3690, 2.0546</a>

# Details

The Hex color **011D13** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1D010B**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **2E483D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001D13**, and if you desaturate by 10%, it is **041D14**.

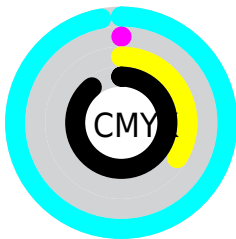
# Distribution



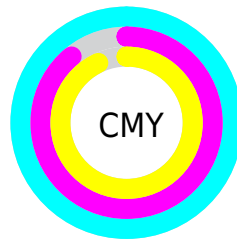
- Red (0%)
- Green (11%)
- Blue (7%)



- Red (0%)
- Yellow (7%)
- Blue (11%)



- Cyan (97%)
- Magenta (0%)
- Yellow (34%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 011D13 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 011D13 by changing the saturation by 10% instead.



011D13

011D13

E2FFF3

000000

2E483D

456054

5D796D

769386

90AEA0

AAC9BB

C6E5D7

011D13

011D13

■ 001D13

■ 041D14

■ 071D15

■ 0A1D16

■ 0D1D17

■ 101D18

■ 121D19

■ 151D1A

■ 181D1B

■ 1B1D1C

# Harmonies

## Analogous

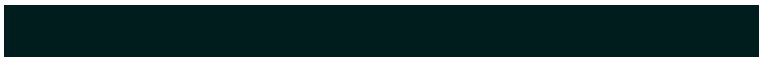
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101B07



011D13



001D1D

# Triad

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



011D13



12182A



281308

# Complementary

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



011D13



1D010B

# 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.



291114



011D13



1F1425

# Square

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



011D13



011B29



27121D



231600

# Rectangle

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



011D13



001D22



27121D



29120C



# Sweetspot

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



011D13



1B2622



0B1D01



0D1412



949494



141414



# Same Dimension

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



011D13



002619



01191D



0E0F0F



004F33



00CF85



# Inverse Universe

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



1D010B



26000E



1D0501



0F0E0E



4F001C

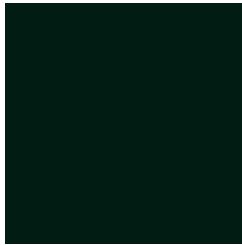


CF004A



# Previews

## White Background



This preview shows how the Hex color 011D13 looks on a white background.

## Color Contrast Check

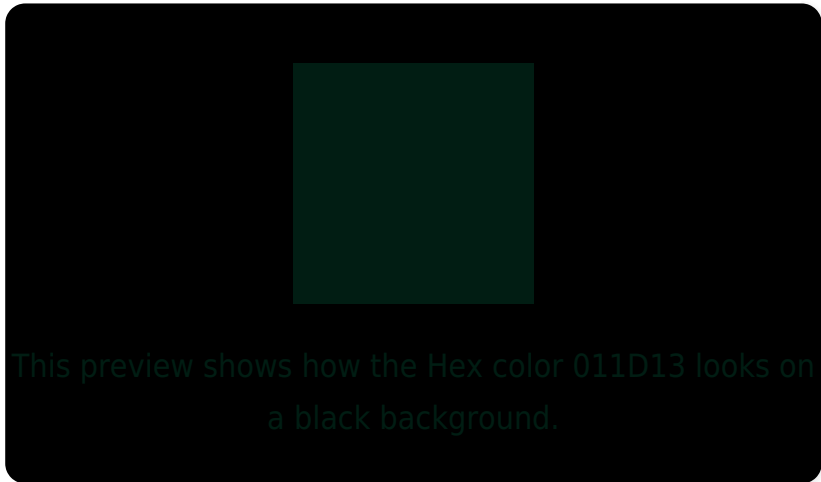
Large Text (above 18pt) WCAG AA ✓ Pass

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

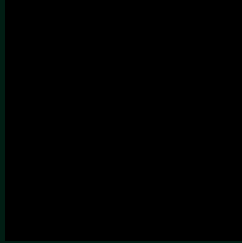
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 011D13 Background



This preview shows how black text looks on a background with the Hex color 011D13.



This preview shows how white text looks on a background with the Hex color 011D13.

# 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**  
011D13

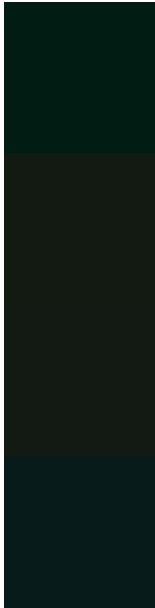
**Protanopia**  
1B1911

**Deuteranopia**  
1D1814



**Tritanopia**  
0A1C1E

# Trichromacy



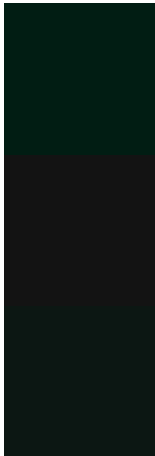
**Original Color**  
011D13

**Protanomaly**  
121A12

**Deuteranomaly**  
131A14

**Tritanomaly**  
071C1A

# Monochromacy



**Original Color**  
011D13

**Achromatopsia**  
131313

**Achromatomaly**  
0C1713

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 011D13 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 #011D13 looks like.

```
.text, #text, p{  
    color:#011D13  
}
```

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 #011D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011D13
}
```

## Border

The CSS property to change the border of an element to Hex 011D13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

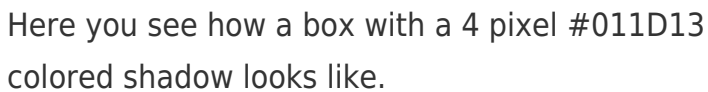
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#011D13 }
```

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

```
.border{ border-color:#011D13 }
```

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



Here you see how a box with a 4 pixel #011D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011D13; -webkit-box-shadow:4px 4px  
4px 4px #011D13; box-shadow:4px 4px 4px  
4px #011D13 }
```

# Background

The CSS property to change the background color of an element to Hex 011D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011D13 }
```

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

```
.background{ background-color:#011D13 }
```

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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