

Converting Colors

Hex(011321)

Have a look what the booklet for
Hex(011321) contains.

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Color

Hex(011321)

Conversions

Conversions Part 1

Format	Color
Hex	011321
RGB	1, 19, 33
RGB Percent	0%, 7%, 13%
CMY	0.9961, 0.9255, 0.8706
CMYK	0.97, 0.42, 0.00, 0.87
HSL	206°, 94%, 7%
HSV	206°, 97%, 13%
XYZ	0.5199, 0.5820, 1.5238
YIQ	15.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 13, 33
Decimal	70433
CIE Lab	5.26, -1.36, -11.55
CIE LCh	5, 11.627, 263.268
Yxy	0.5820, 0.1980, 0.2217
Android (android.graphics.Color)	4278260513 (0xFF011321)
YUV	15.2140, 8.7685, -12.4657
Hunter-Lab	7.6289, -1.1860, -6.5022

Details

The Hex color **011321** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **210F01**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **2F3D4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001321**, and if you desaturate by 10%, it is **041421**.

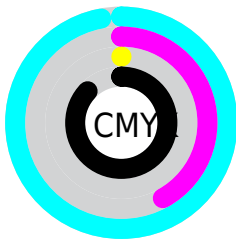
Distribution



- Red (0%)
- Green (7%)
- Blue (13%)



- Red (0%)
- Yellow (5%)
- Blue (13%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 011321 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 011321 by changing the saturation by 10% instead.

■ 011321

■ 011321

■ E3F3FF

■ 000008

■ 2F3D4D

■ 000000

■ 465465

■ 5E6D7E

■ 778698

■ 91A0B3

■ ABBBCE

■ C7D7EB

■ 011321

■ 011321

■ 001321

■ 041421

■ 081621

■ 0B1721

■ 0E1921

■ 121A21

■ 151C21

■ 181D21

■ 1B1F21

■ 1F2021

Harmonies

Analogous

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



00151E



011321



111020

Triad

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



011321



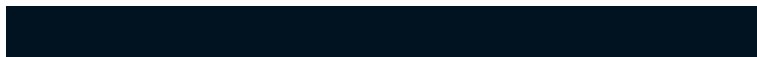
220A08



031602

Complementary

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



011321



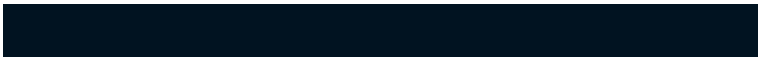
210F01

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.



101300



011321



200D00

Square

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



011321



200A14



1A1000



00170F

Rectangle

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



011321



180D1D



1A1000



081500

Sweetspot

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



011321



1F262B



01210F



0F1317



969696



171717

Same Dimension

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



011321



00182B



010321



0E0F0F



002C4F



0074CF

Inverse Universe

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



210113



2B0018



211F01



0F0E0F



4F002C



CF0074

Previews

White Background



This preview shows how the Hex color 011321 looks on a white background.

Color Contrast Check

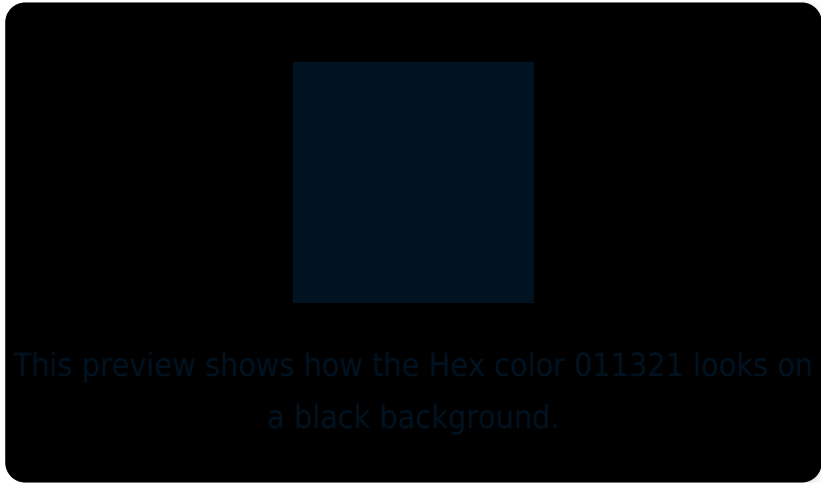
Large Text (above 18pt) WCAG AA ✓ Pass

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

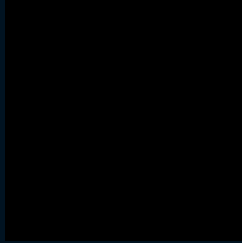
Any Text WCAG AA × Fail

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 011321 Background



This preview shows how black text looks on a background with the Hex color 011321.



This preview shows how white text looks on a background with the Hex color 011321.

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
011321

Protanopia
0C1220

Deuteranopia
051321



Tritanopia
001516

Trichromacy



Original Color
011321

Protanomaly
081220

Deuteranomaly
041321

Tritanomaly
00141A

Monochromacy



Original Color
011321

Achromatopsia
0F0F0F

Achromatomaly
0A1016

CSS Examples

Text

The CSS property to change the color of the text to Hex 011321 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 #011321 looks like.

```
.text, #text, p{  
    color:#011321  
}
```

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 #011321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011321
}
```

Border

The CSS property to change the border of an element to Hex 011321 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
#011321 }
```

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

```
.border{ border-color:#011321 }
```

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

Here you see how a box with a 4 pixel #011321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011321; -webkit-box-shadow:4px 4px  
4px 4px #011321; box-shadow:4px 4px 4px  
4px #011321 }
```

Background

The CSS property to change the background color of an element to Hex 011321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011321 }
```

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

```
.background{ background-color:#011321 }
```

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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