

Converting Colors

Hex(011616)

Have a look what the booklet for
Hex(011616) contains.

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Color

Hex(011616)

Conversions

Conversions Part 1

Format	Color
Hex	011616
RGB	1, 22, 22
RGB Percent	0%, 9%, 9%
CMY	0.9961, 0.9137, 0.9137
CMYK	0.95, 0.00, 0.00, 0.91
HSL	180°, 91%, 5%
HSV	180°, 95%, 9%
XYZ	0.4442, 0.6382, 0.8588
YIQ	15.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

Format	Color
RYB	1, 12, 22
Decimal	71190
CIELab	5.76, -6.65, -2.34
CIELCh	6, 7.052, 199.422
Yxy	0.6382, 0.2288, 0.3288
Android (android.graphics.Color)	4278261270 (0xFF011616)
YUV	15.7210, 3.0955, -12.9103
Hunter-Lab	7.9887, -4.0541, -0.7818

Details

The Hex color **011616** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160101**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **2F4040**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001616**, and if you desaturate by 10%, it is **031616**.

Distribution



Red (0%)

Green (9%)

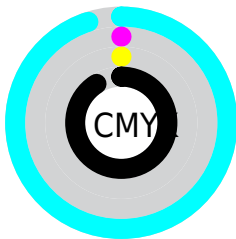
Blue (9%)



Red (0%)

Yellow (5%)

Blue (9%)

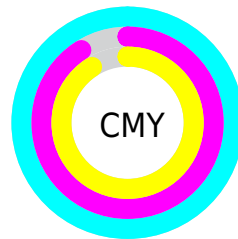


Cyan (95%)

Magenta (0%)

Yellow (0%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 011616 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 011616 by changing the saturation by 10% instead.

■ 011616

■ 011616

■ E2F7F7

■ 000000

■ 2F4040

■ 465758

■ 5E7070

■ 778989

■ 90A4A4

■ ABBFBF

■ C6DADB

■ 011616

■ 011616

■ 001616

■ 031616

■ 051616

■ 081616

■ 0A1616

■ 0C1616

■ 0E1616

■ 101616

■ 131616

■ 151616

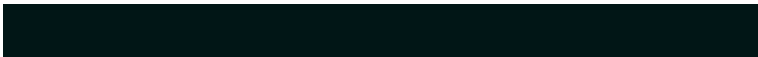
Harmonies

Analogous

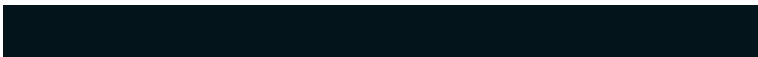
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



041610



011616



03151A

Triad

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



011616



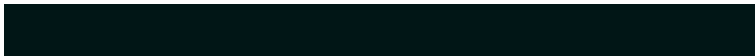
181019



191204

Complementary

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



011616



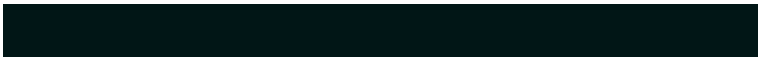
160101

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.



1C1008



011616



1C0F15

Square

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



011616



12121C



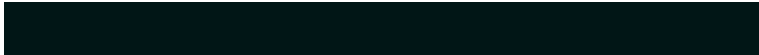
1D0F0F



141305

Rectangle

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



011616



07141C



1D0F0F



1B1105

Sweetspot

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



011616



141C1C



011601



0A0F0F



8F8F8F



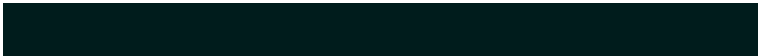
0F0F0F

Same Dimension

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



011616



001C1C



010C16



090A0A



004A4A



00C9C9

Inverse Universe

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



160116



1C001C



160C01



0A090A



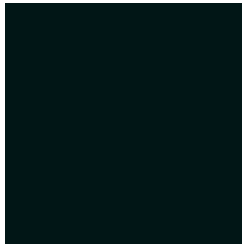
4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 011616 looks on a white background.

Color Contrast Check

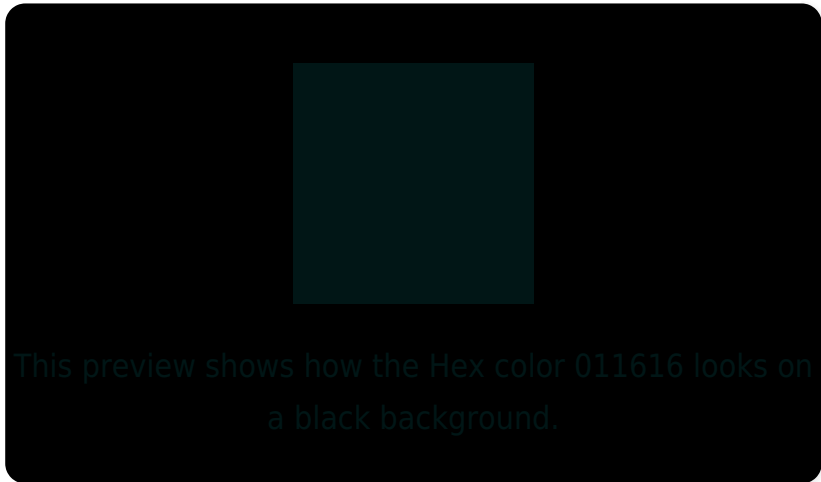
Large Text (above 18pt) WCAG AA ✓ Pass

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

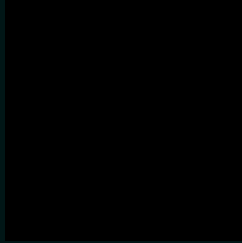
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

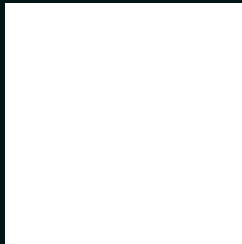
Any Text WCAG AAA × Fail

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

Hex 011616 Background



This preview shows how black text looks on a background with the Hex color 011616.



This preview shows how white text looks on a background with the Hex color 011616.

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
011616

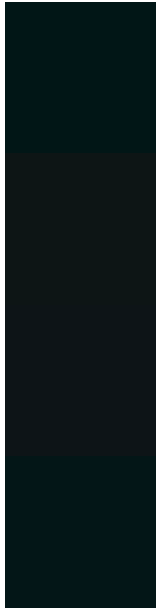
Protanopia
141414

Deuteranopia
141317



Tritanopia
041618

Trichromacy



Original Color
011616

Protanomaly
0D1515

Deuteranomaly
0D1417

Tritanomaly
031617

Monochromacy



Original Color
011616

Achromatopsia
101010

Achromatomaly
0B1212

CSS Examples

Text

The CSS property to change the color of the text to Hex 011616 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 #011616 looks like.

```
.text, #text, p{  
    color:#011616  
}
```

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 #011616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011616
}
```

Border

The CSS property to change the border of an element to Hex 011616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

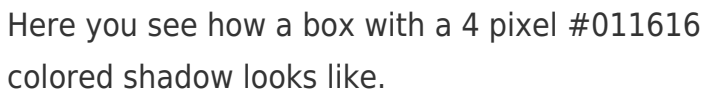
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#011616 }
```

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

```
.border{ border-color:#011616 }
```

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



Here you see how a box with a 4 pixel #011616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011616; -webkit-box-shadow:4px 4px  
4px 4px #011616; box-shadow:4px 4px 4px  
4px #011616 }
```

Background

The CSS property to change the background color of an element to Hex 011616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011616 }
```

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

```
.background{ background-color:#011616 }
```

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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