

Converting Colors

Hex(011A10)

Have a look what the booklet for
Hex(011A10) contains.

Hex(011A10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(011A10)

Conversions

Conversions Part 1

Format	Color
Hex	011A10
RGB	1, 26, 16
RGB Percent	0%, 10%, 6%
CMY	0.9961, 0.8980, 0.9373
CMYK	0.96, 0.00, 0.38, 0.90
HSL	156°, 93%, 5%
HSV	156°, 96%, 10%
XYZ	0.4754, 0.7827, 0.6162
YIQ	17.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

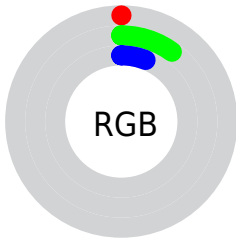
Format	Color
RYB	1, 17, 26
Decimal	72208
CIELab	7.07, -11.00, 3.37
CIElCh	7, 11.503, 162.938
Yxy	0.7827, 0.2537, 0.4176
Android (android.graphics.Color)	4278262288 (0xFF011A10)
YUV	17.3850, -0.6828, -14.3696
Hunter-Lab	8.8468, -5.8890, 2.0629

Details

The Hex color **011A10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A010B**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **2F453B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001A10**, and if you desaturate by 10%, it is **041A11**.

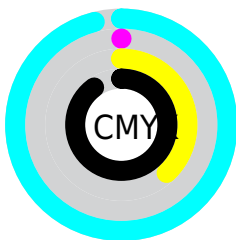
Distribution



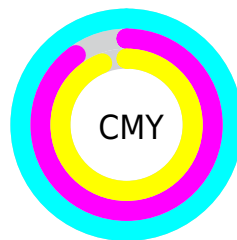
- Red (0%)
- Green (10%)
- Blue (6%)



- Red (0%)
- Yellow (7%)
- Blue (10%)



- Cyan (96%)
- Magenta (0%)
- Yellow (38%)
- Black (90%)





- Cyan (100%)
- Magenta (90%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 011A10 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 011A10 by changing the saturation by 10% instead.

 011A10

 011A10

 E2DFD0

 000000

 2F453B

 465C51


 5E756A

 768E83

 90A99D

 ABC4B8

 C6E0D3

 011A10

 011A10

■ 001A10

■ 041A11

■ 061A12

■ 091A13

■ 0B1A14

■ 0E1A15

■ 111A16

■ 131A17

■ 161A18

■ 181A19

Harmonies

Analogous

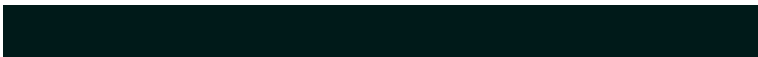
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E1905



011A10



001A19

Triad

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



011A10



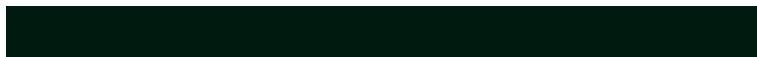
101524



241107

Complementary

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



011A10



1A010B

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.



241012



011A10



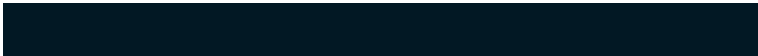
1B1221

Square

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



011A10



021824



22101A



201300

Rectangle

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



011A10



001A1E



22101A



24100B

Sweetspot

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



011A10



18211D



0B1A01



0C120F



919191



121212

Same Dimension

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



011A10



002114



01171A



0B0D0C



004D2E



00CC7A

Inverse Universe

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



1A010B



21000D



1A0301



0D0B0C



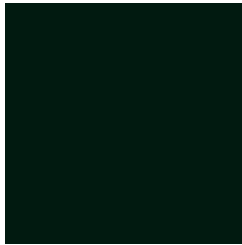
4D001F



CC0052

Previews

White Background



This preview shows how the Hex color 011A10 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

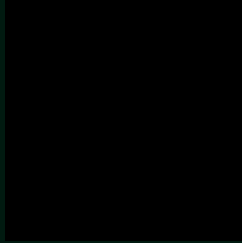
Any Text WCAG AA × Fail

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 011A10 Background



This preview shows how black text looks on a background with the Hex color 011A10.



This preview shows how white text looks on a background with the Hex color 011A10.

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
011A10

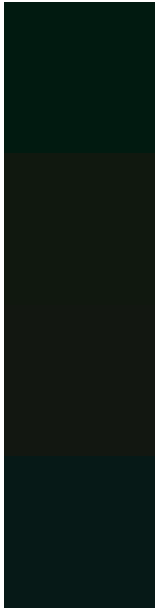
Protanopia
19170F

Deuteranopia
1B1611



Tritanopia
09191B

Trichromacy



Original Color

011A10

Protanomaly

10180F

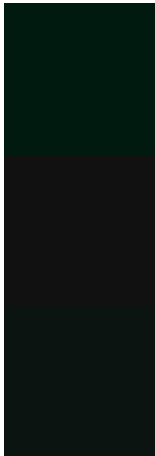
Deuteranomaly

121711

Tritanomaly

061917

Monochromacy



Original Color

011A10

Achromatopsia

111111

Achromatomaly

0B1411

CSS Examples

Text

The CSS property to change the color of the text to Hex 011A10 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 #011A10 looks like.

```
.text, #text, p{  
    color:#011A10  
}
```

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 #011A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011A10
}
```

Border

The CSS property to change the border of an element to Hex 011A10 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
#011A10 }
```

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

```
.border{ border-color:#011A10 }
```

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

Here you see how a box with a 4 pixel #011A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011A10; -webkit-box-shadow:4px 4px  
4px 4px #011A10; box-shadow:4px 4px 4px  
4px #011A10 }
```

Background

The CSS property to change the background color of an element to Hex 011A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011A10 }
```

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

```
.background{ background-color:#011A10 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor