

Converting Colors

Hex(011209)

Have a look what the booklet for
Hex(011209) contains.

Hex(011209)	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(011209)

Conversions

Conversions Part 1

Format	Color
Hex	011209
RGB	1, 18, 9
RGB Percent	0%, 7%, 4%
CMY	0.9961, 0.9294, 0.9647
CMYK	0.94, 0.00, 0.50, 0.93
HSL	148°, 89%, 4%
HSV	148°, 94%, 7%
XYZ	0.2781, 0.4588, 0.3323
YIQ	11.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

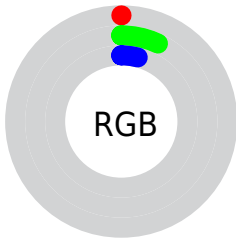
Format	Color
RYB	1, 13, 18
Decimal	70153
CIELab	4.14, -6.47, 2.39
CIELCh	4, 6.897, 159.712
Yxy	0.4588, 0.2601, 0.4291
Android (android.graphics.Color)	4278260233 (0xFF011209)
YUV	11.8910, -1.4253, -9.5514
Hunter-Lab	6.7734, -4.5238, 1.8323

Details

The Hex color **011209** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12010A**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **303C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001208**, and if you desaturate by 10%, it is **03120A**.

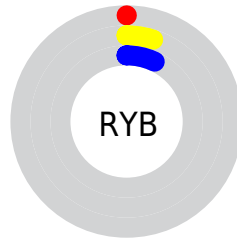
Distribution



Red (0%)

Green (7%)

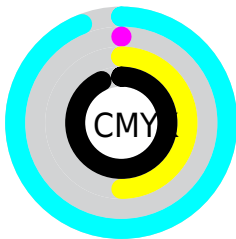
Blue (4%)



Red (0%)

Yellow (5%)

Blue (7%)

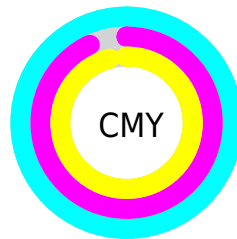


Cyan (94%)

Magenta (0%)

Yellow (50%)

Black (93%)



Cyan (100%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 011209 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 011209 by changing the saturation by 10% instead.

■ 011209

■ 011209

■ E3F2E9

■ 000000

■ 303C36

■ 47534C

■ 5E6B64

■ 77857D

■ 919F97

■ ABBAB2

■ C7D5CD

■ 011209

■ 011209

■ 001208

■ 03120A

■ 05120B

■ 06120C

■ 08120D

■ 0A120E

■ 0C120F

■ 0E1210

■ 0F1211

■ 111212

Harmonies

Analogous

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



0A1102



011209



001210

Triad

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



011209



0A0E19



1A0B05

Complementary

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



011209



12010A

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.



1A0A0C



011209



120C17

Square

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



011209



011018



180A13



170C00

Rectangle

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



011209



001214



180A13



1A0A07

Sweetspot

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



011209



111714



0A1201



080D0A



8C8C8C



0D0D0D

Same Dimension

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



011209



00170B



011211



090A0A



004A23



00C95F

Inverse Universe

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



12010A



17000C



120102



0A090A



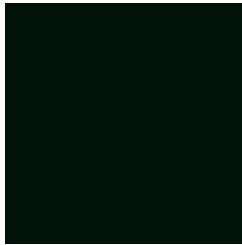
4A0027



C9006B

Previews

White Background



This preview shows how the Hex color 011209 looks on a white background.

Color Contrast Check

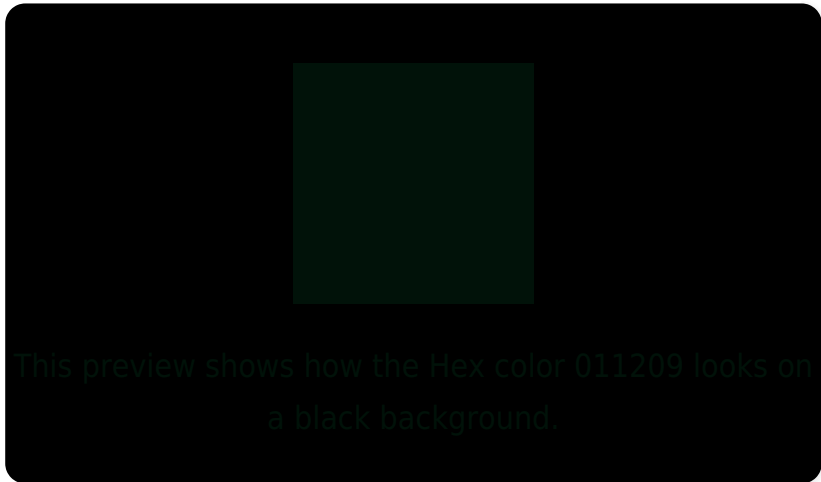
Large Text (above 18pt) WCAG AA ✓ Pass

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

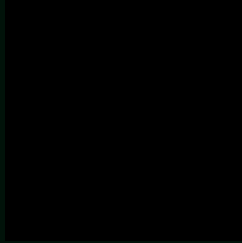
Any Text WCAG AA × Fail

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 011209 Background



This preview shows how black text looks on a background with the Hex color 011209.

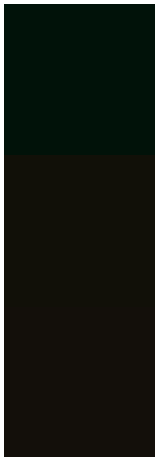


This preview shows how white text looks on a background with the Hex color 011209.

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
011209

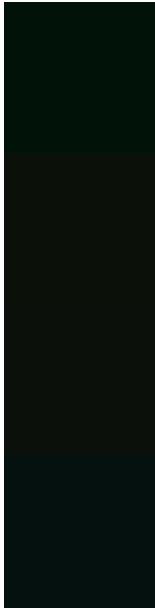
Protanopia
111008

Deuteranopia
130F0A



Tritanopia
071112

Trichromacy



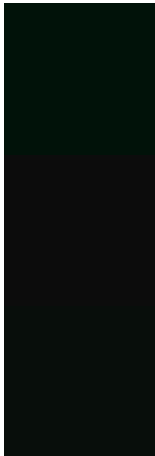
Original Color
011209

Protanomaly
0B1108

Deuteranomaly
0C100A

Tritanomaly
05110F

Monochromacy



Original Color
011209

Achromatopsia
0C0C0C

Achromatomaly
080E0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 011209 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 #011209 looks like.

```
.text, #text, p{  
    color:#011209  
}
```

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 #011209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011209
}
```

Border

The CSS property to change the border of an element to Hex 011209 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
#011209 }
```

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

```
.border{ border-color:#011209 }
```

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

Here you see how a box with a 4 pixel #011209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011209; -webkit-box-shadow:4px 4px  
4px 4px #011209; box-shadow:4px 4px 4px  
4px #011209 }
```

Background

The CSS property to change the background color of an element to Hex 011209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011209 }
```

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

```
.background{ background-color:#011209 }
```

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