

Converting Colors

Hex(091109)

Have a look what the booklet for
Hex(091109) contains.

Hex(091109)	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(091109)

Conversions

Conversions Part 1

Format	Color
Hex	091109
RGB	9, 17, 9
RGB Percent	4%, 7%, 4%
CMY	0.9647, 0.9333, 0.9647
CMYK	0.47, 0.00, 0.47, 0.93
HSL	120°, 31%, 5%
HSV	120°, 47%, 7%
XYZ	0.3624, 0.4787, 0.3317
YIQ	13.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

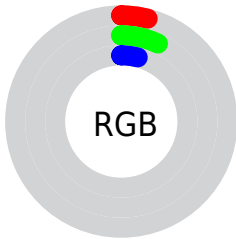
Format	Color
RYB	9, 17, 17
Decimal	594185
CIELab	4.32, -3.79, 2.71
CIELCh	4, 4.661, 144.447
Yxy	0.4787, 0.3090, 0.4081
Android (android.graphics.Color)	4278784265 (0xFF091109)
YUV	13.6960, -2.3151, -4.1184
Hunter-Lab	6.9188, -2.7579, 2.0003

Details

The Hex color **091109** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **110911**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **363B36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **071107**, and if you desaturate by 10%, it is **0B110B**.

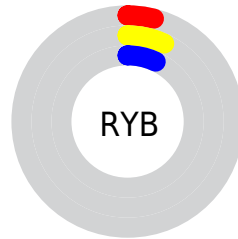
Distribution



Red (4%)

Green (7%)

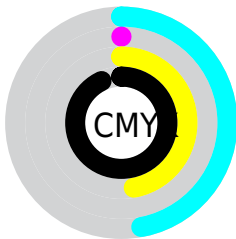
Blue (4%)



Red (4%)

Yellow (7%)

Blue (7%)

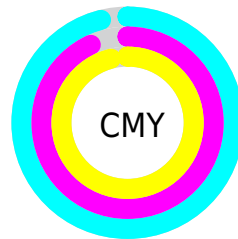


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (93%)



Cyan (96%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 091109 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 091109 by changing the saturation by 10% instead.

■ 091109

■ 091109

■ E9F1E9

■ 000000

■ 363B36

■ 4C524C

■ 646B64

■ 7D847D

■ 979E97

■ B2B9B2

■ CDD4CD

■ 091109

■ 091109

■ 071107

■ 0B110B

■ 061106

■ 0C110C

■ 041104

■ 0E110E

■ 021102

■ 101110

■ 011101

■ 121112

■ 001100

■ 131113

■ 151115

■ 171117

■ 181118

Harmonies

Analogous

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



0F1005



091109



04120E

Triad

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



091109



091016



170C0B

Complementary

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



091109



110911

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.



170C10



091109



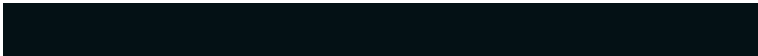
0F0E16

Square

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



091109



041115



140D14



160D07

Rectangle

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



091109



031211



140D14



170C0D

Sweetspot

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



091109



141714



111109



0B0D0B



8C8C8C



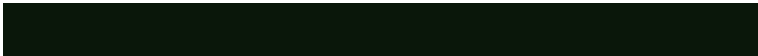
0D0D0D

Same Dimension

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



091109



0A170A



09110D



070807



004700



00C700

Inverse Universe

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



110911



170A17



11090D



080708



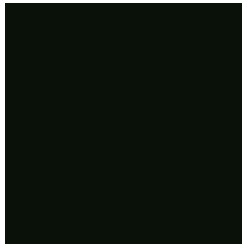
470047



C700C7

Previews

White Background



This preview shows how the Hex color 091109 looks on a white background.

Color Contrast Check

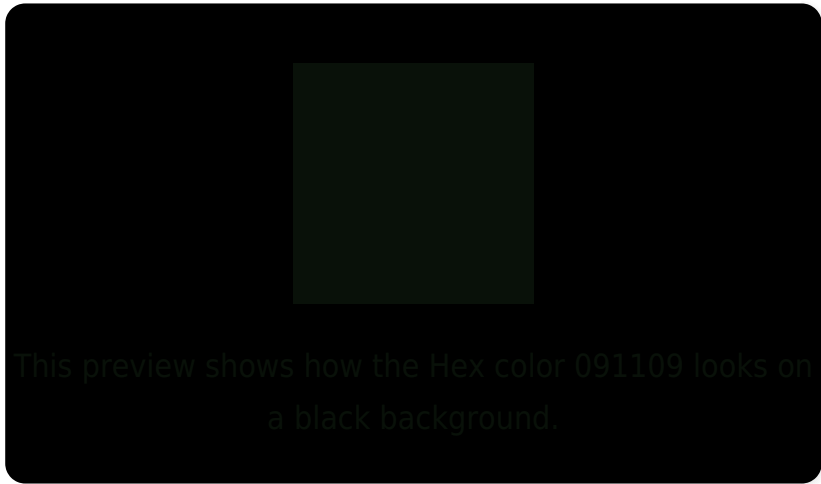
Large Text (above 18pt) WCAG AA ✓ Pass

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

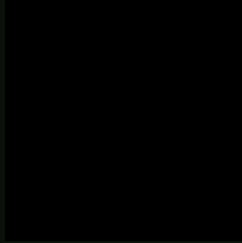
Any Text WCAG AA × Fail

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 091109 Background



This preview shows how black text looks on a background with the Hex color 091109.



This preview shows how white text looks on a background with the Hex color 091109.

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
091109

Protanopia
110F08

Deuteranopia
120E0A



Tritanopia
0B1011

Trichromacy



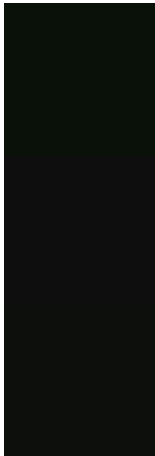
Original Color
091109

Protanomaly
0E1008

Deuteranomaly
0F0F0A

Tritanomaly
0A100E

Monochromacy



Original Color
091109

Achromatopsia
0E0E0E

Achromatomaly
0C0F0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 091109 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 #091109 looks like.

```
.text, #text, p{  
    color:#091109  
}
```

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 #091109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091109
}
```

Border

The CSS property to change the border of an element to Hex 091109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

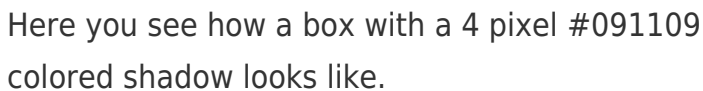
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#091109 }
```

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

```
.border{ border-color:#091109 }
```

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



Here you see how a box with a 4 pixel #091109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091109; -webkit-box-shadow:4px 4px  
4px 4px #091109; box-shadow:4px 4px 4px  
4px #091109 }
```

Background

The CSS property to change the background color of an element to Hex 091109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091109 }
```

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

```
.background{ background-color:#091109 }
```

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