

Converting Colors

Hex(091B1B)

Have a look what the booklet for
Hex(091B1B) contains.

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Color

Hex(091B1B)

Conversions

Conversions Part 1

Format	Color
Hex	091B1B
RGB	9, 27, 27
RGB Percent	4%, 11%, 11%
CMY	0.9647, 0.8941, 0.8941
CMYK	0.67, 0.00, 0.00, 0.89
HSL	180°, 50%, 7%
HSV	180°, 67%, 11%
XYZ	0.7024, 0.9211, 1.1777
YIQ	21.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

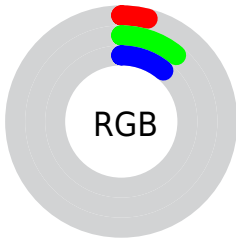
Format	Color
RYB	9, 18, 27
Decimal	596763
CIELab	8.32, -7.07, -2.31
CIElCh	8, 7.437, 198.066
Yxy	0.9211, 0.2508, 0.3288
Android (android.graphics.Color)	4278786843 (0xFF091B1B)
YUV	21.6180, 2.6533, -11.0660
Hunter-Lab	9.5973, -3.7309, -0.5574

Details

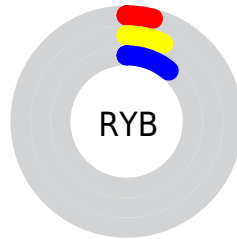
The Hex color **091B1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B0909**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **344646**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **061B1B**, and if you desaturate by 10%, it is **0C1B1B**.

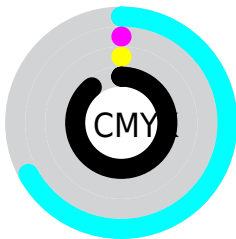
Distribution



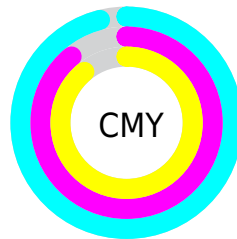
- Red (4%)
- Green (11%)
- Blue (11%)



- Red (4%)
- Yellow (7%)
- Blue (11%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (89%)



- Cyan (96%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 091B1B 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 091B1B by changing the saturation by 10% instead.

■ 091B1B

■ 091B1B

■ E9FFFE

■ 000000

■ 344646

■ 4B5E5E

■ 637676

■ 7C9090

■ 96ABAA

■ B1C6C6

■ CDE2E2

■ 091B1B

■ 091B1B

■ 061B1B

■ 0C1B1B

■ 041B1B

■ 0E1B1B

■ 011B1B

■ 111B1B

■ 001B1B

■ 141B1B

■ 171B1B

■ 191B1B

■ 1C1B1B

■ 1F1B1B

■ 211B1B

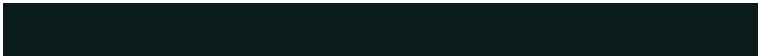
Harmonies

Analogous

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



0D1B16



091B1B



0A1A1F

Triad

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



091B1B



1D161F



1E170D

Complementary

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



091B1B



1B0909

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.



211610



091B1B



21151A

Square

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



091B1B



161821



221515



19190D

Rectangle

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



091B1B



0D1A21



221515



1F170D

Sweetspot

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



091B1B



1D2424



091B09



0E1212



919191



121212

Same Dimension

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



091B1B



072424



09121B



0B0D0D



004D4D



00CCCC

Inverse Universe

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



1B091B



240724



1B1209



0D0B0D



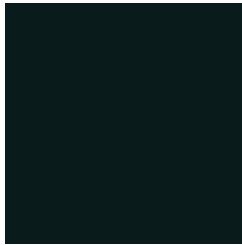
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 091B1B looks on a white background.

Color Contrast Check

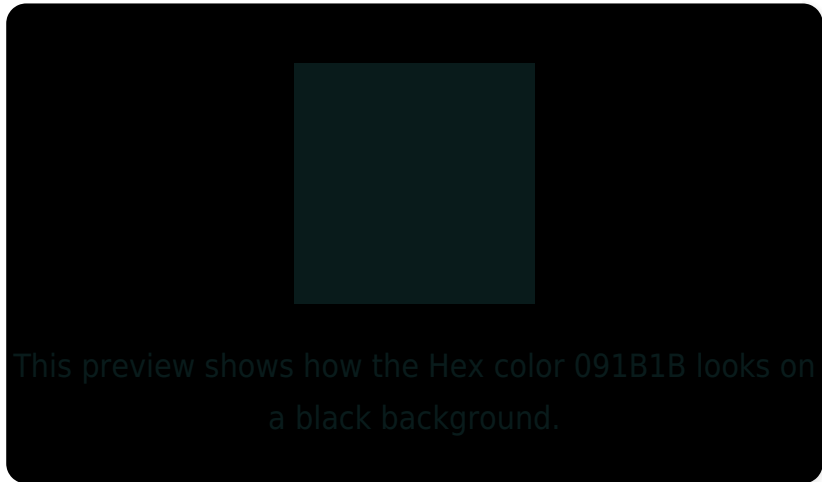
Large Text (above 18pt) WCAG AA ✓ Pass

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

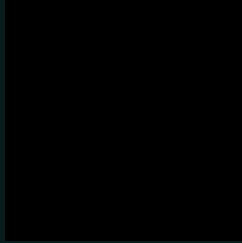
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

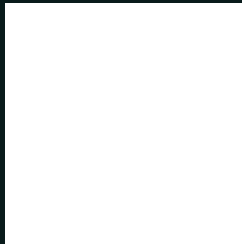
Any Text WCAG AAA × Fail

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

Hex 091B1B Background



This preview shows how black text looks on a background with the Hex color 091B1B.



This preview shows how white text looks on a background with the Hex color 091B1B.

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
091B1B

Protanopia
191819

Deuteranopia
19181C



Tritanopia
0A1B1D

Trichromacy



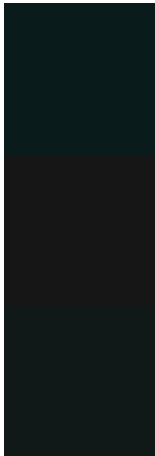
Original Color
091B1B

Protanomaly
13191A

Deuteranomaly
13191C

Tritanomaly
0A1B1C

Monochromacy



Original Color
091B1B

Achromatopsia
161616

Achromatomaly
111818

CSS Examples

Text

The CSS property to change the color of the text to Hex 091B1B 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 #091B1B looks like.

```
.text, #text, p{  
    color:#091B1B  
}
```

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 #091B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091B1B
}
```

Border

The CSS property to change the border of an element to Hex 091B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

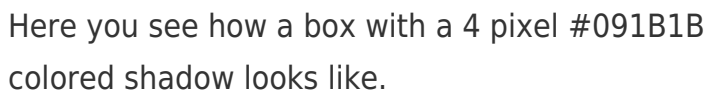
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#091B1B }
```

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

```
.border{ border-color:#091B1B }
```

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



Here you see how a box with a 4 pixel #091B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091B1B; -webkit-box-shadow:4px 4px  
4px 4px #091B1B; box-shadow:4px 4px 4px  
4px #091B1B }
```

Background

The CSS property to change the background color of an element to Hex 091B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091B1B }
```

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

```
.background{ background-color:#091B1B }
```

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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