

Converting Colors

Hex(00091C)

Have a look what the booklet for
Hex(00091C) contains.

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Color

Hex(00091C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 00091C |
| RGB | 0, 9, 28 |
| RGB Percent | 0%, 4%, 11% |
| CMY | 1.0000, 0.9647, 0.8902 |
| CMYK | 1.00, 0.68, 0.00, 0.89 |
| HSL | 221°, 100%, 5% |
| HSV | 221°, 100%, 11% |
| XYZ | 0.3073, 0.2792, 1.1363 |
| YIQ | 8.4750, -11.4630, 4.0010 |

Conversions

Conversions Part 2

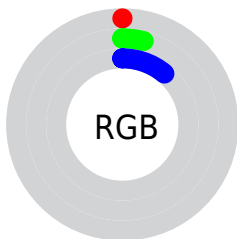
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 7, 28 |
| Decimal | 2332 |
| CIELab | 2.52, 1.72, -11.77 |
| CIELCh | 3, 11.896, 278.296 |
| Yxy | 0.2792, 0.1784, 0.1621 |
| Android (android.graphics.Color) | 4278192412 (0xFF00091C) |
| YUV | 8.4750, 9.6258, -7.4326 |
| Hunter-Lab | 5.2841, 1.1333, -9.0511 |

Details

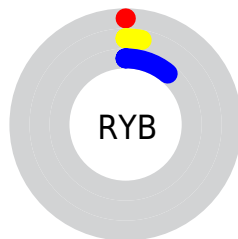
The Hex color **00091C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C1300**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **2E3647**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00091C**, and if you desaturate by 10%, it is **030B1C**.

Distribution



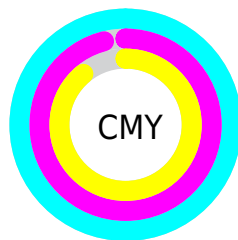
- Red (0%)
- Green (4%)
- Blue (11%)



- Red (0%)
- Yellow (3%)
- Blue (11%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (89%)



- Cyan (100%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00091C 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 00091C by changing the saturation by 10% instead.

 00091C

 00091C

 E2E9FF

 000000

 2E3647

 454C5F

 5D6478

 767D91

 9097AC

 AAB2C7

 C6CDE3

 00091C

■ 030B1C

■ 060D1C

■ 080F1C

■ 0B111C

■ 0E131C

■ 11141C

■ 14161C

■ 16181C

■ 191A1C

Harmonies

Analogous

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



000D1B



00091C



100419

Triad

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



00091C



1C0200



001000

Complementary

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



00091C



1C1300

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.



000E00



00091C



160500

Square

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



00091C



1E0006



0A0A00



00110D

Rectangle

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



00091C



170215



0A0A00



001000

Sweetspot

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



00091C



191C24



001C13



0B0D12



919191



121212

Same Dimension

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



00091C



000B24



05001C



0B0C0D



00194D



0042CC

Inverse Universe

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



1C0009



24000B



171C00



0D0B0C



4D0019



CC0042

Previews

White Background



This preview shows how the Hex color 00091C looks on a white background.

Color Contrast Check

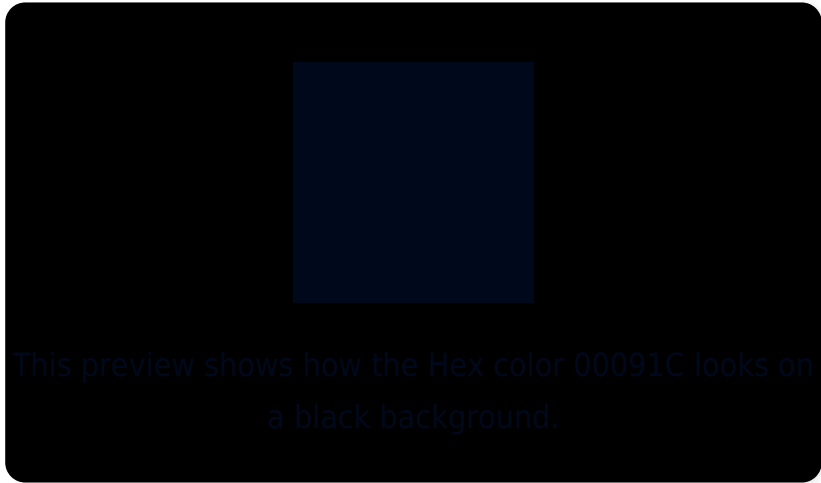
Large Text (above 18pt) WCAG AA ✓ Pass

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

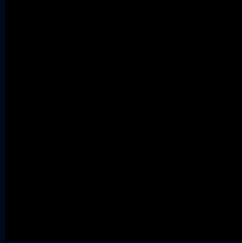
Any Text WCAG AA × Fail

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 00091C Background



This preview shows how black text looks on a background with the Hex color 00091C.



This preview shows how white text looks on a background with the Hex color 00091C.

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](#).

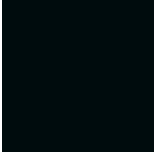
Dichromacy



Original Color
00091C

Protanopia
000B17

Deuteranopia
000B13



Tritanopia
000C0D

Trichromacy



Original Color

00091C

Protanomaly

000A19

Deuteranomaly

000A16

Tritanomaly

000B12

Monochromacy



Original Color

00091C

Achromatopsia

080808

Achromatomaly

05080F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00091C 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 #00091C looks like.

```
.text, #text, p{  
    color:#00091C  
}
```

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 #00091C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00091C
}
```

Border

The CSS property to change the border of an element to Hex 00091C is called "border". The border property can be set on classes, ids or directly on the HTML element.

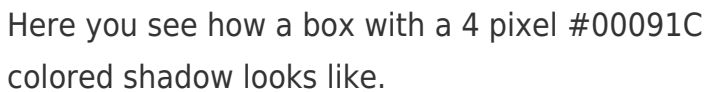
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00091C }
```

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

```
.border{ border-color:#00091C }
```

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



Here you see how a box with a 4 pixel #00091C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00091C; -webkit-box-shadow:4px 4px  
4px 4px #00091C; box-shadow:4px 4px 4px  
4px #00091C }
```

Background

The CSS property to change the background color of an element to Hex 00091C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00091C }
```

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

```
.background{ background-color:#00091C }
```

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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