

Converting Colors

Hex(091E10)

Have a look what the booklet for
Hex(091E10) contains.

Hex(091E10)	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(091E10)

Conversions

Conversions Part 1

Format	Color
Hex	091E10
RGB	9, 30, 16
RGB Percent	4%, 12%, 6%
CMY	0.9647, 0.8824, 0.9373
CMYK	0.70, 0.00, 0.47, 0.88
HSL	140°, 54%, 8%
HSV	140°, 70%, 12%
XYZ	0.6705, 1.0240, 0.6525
YIQ	22.1250, -8.0220, -8.8060

Conversions

Conversions Part 2

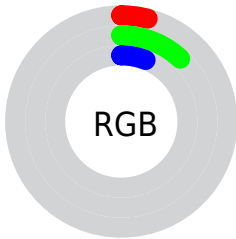
Format	Color
RYB	9, 25, 30
Decimal	597520
CIELab	9.19, -12.15, 6.51
CIELCh	9, 13.783, 151.808
Yxy	1.0240, 0.2857, 0.4363
Android (android.graphics.Color)	4278787600 (0xFF091E10)
YUV	22.1250, -3.0196, -11.5106
Hunter-Lab	10.1195, -5.8827, 3.2604

Details

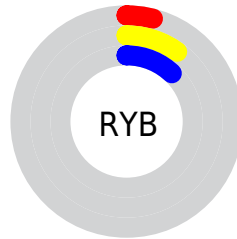
The Hex color **091E10** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1E0917**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **344A3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **061E0E**, and if you desaturate by 10%, it is **0C1E12**.

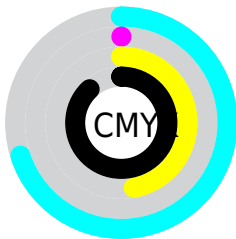
Distribution



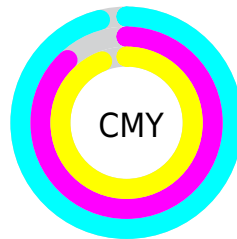
- Red (4%)
- Green (12%)
- Blue (6%)



- Red (4%)
- Yellow (10%)
- Blue (12%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)
- Black (88%)



- Cyan (96%)
- Magenta (88%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 091E10 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 091E10 by changing the saturation by 10% instead.

091E10

091E10

E9FFF0

000000

344A3A

4B6251

637B6A

7C9483

96AF9D

B1CAB8

CDE7D3

091E10

091E10

■ 061E0E

■ 0C1E12

■ 031E0C

■ 0F1E14

■ 001E0A

■ 121E16

■ 151E18

■ 181E1A

■ 1B1E1C

■ 1E1E1E

■ 211E20

■ 241E22

Harmonies

Analogous

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



171C05



091E10



001F1A

Triad

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



091E10



0B1B2C



2B1310

Complementary

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



091E10



1E0917

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.



2B121A



091E10



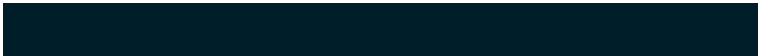
1B172A

Square

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



091E10



001D2A



261423



271604

Rectangle

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



091E10



001F20



261423



2B1313

Sweetspot

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



091E10



1E2621



171E09



0F1411



949494



141414

Same Dimension

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



091E10



062611



091E1A



0E0F0E



004F1A



00CF45

Inverse Universe

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



1E0917



26061C



1E090D



0F0E0F



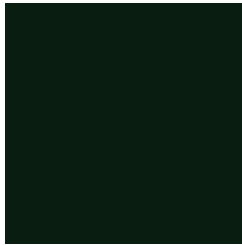
4F0035



CF008A

Previews

White Background



This preview shows how the Hex color 091E10 looks on a white background.

Color Contrast Check

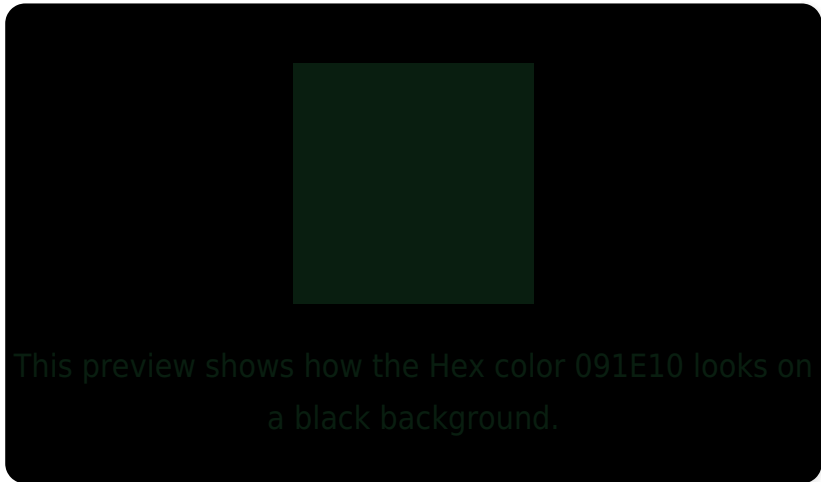
Large Text (above 18pt) WCAG AA ✓ Pass

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

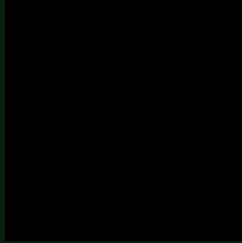
Any Text WCAG AA × Fail

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 091E10 Background



This preview shows how black text looks on a background with the Hex color 091E10.

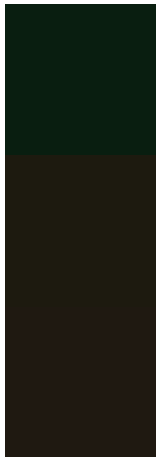


This preview shows how white text looks on a background with the Hex color 091E10.

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
091E10

Protanopia
1D1A0F

Deuteranopia
1F1911

Trichromacy



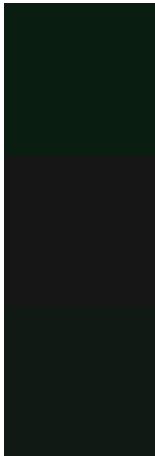
Original Color
091E10

Protanomaly
161B0F

Deuteranomaly
171B11

Tritanomaly
0C1D1A

Monochromacy



Original Color
091E10

Achromatopsia
161616

Achromatomaly
111914

CSS Examples

Text

The CSS property to change the color of the text to Hex 091E10 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 #091E10 looks like.

```
.text, #text, p{  
    color:#091E10  
}
```

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 #091E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091E10
}
```

Border

The CSS property to change the border of an element to Hex 091E10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

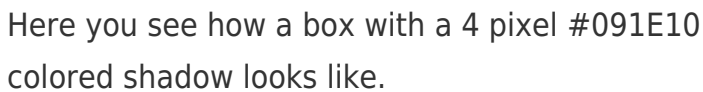
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#091E10 }
```

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

```
.border{ border-color:#091E10 }
```

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



Here you see how a box with a 4 pixel #091E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091E10; -webkit-box-shadow:4px 4px  
4px 4px #091E10; box-shadow:4px 4px 4px  
4px #091E10 }
```

Background

The CSS property to change the background color of an element to Hex 091E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091E10 }
```

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

```
.background{ background-color:#091E10 }
```

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