

# Converting Colors

Hex(091F00)

Have a look what the booklet for  
Hex(091F00) contains.

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# Color

**Hex(091F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	091F00
RGB	9, 31, 0
RGB Percent	4%, 12%, 0%
CMY	0.9647, 0.8784, 1.0000
CMYK	0.71, 0.00, 1.00, 0.88
HSL	103°, 100%, 6%
HSV	103°, 100%, 12%
XYZ	0.6026, 1.0380, 0.1686
YIQ	20.8880, -3.1610, -14.3050

# Conversions

## Conversions Part 2

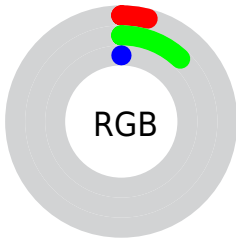
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 31, 22
Decimal	597760
CIELab	9.30, -15.42, 13.63
CIELCh	9, 20.580, 138.523
Yxy	1.0380, 0.3331, 0.5737
Android (android.graphics.Color)	4278787840 (0xFF091F00)
YUV	20.8880, -10.2978, -10.4258
Hunter-Lab	10.1885, -7.2716, 6.1508

# Details

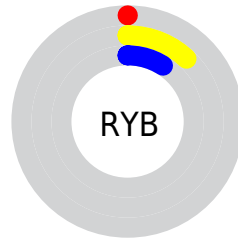
The Hex color **091F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16001F**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **334B2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091F00**, and if you desaturate by 10%, it is **0B1F03**.

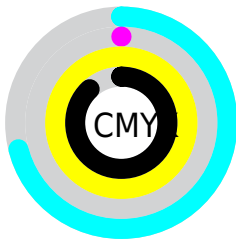
# Distribution



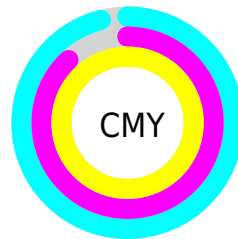
- Red (4%)
- Green (12%)
- Blue (0%)



- Red (0%)
- Yellow (12%)
- Blue (9%)



- Cyan (71%)
- Magenta (0%)
- Yellow (100%)
- Black (88%)



- Cyan (96%)
- Magenta (88%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 091F00 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 091F00 by changing the saturation by 10% instead.



 091F00

 091F00

 E9FFE2

 000000

 334B2F

 4B6346

 637C5E

 7C9676

 96B190

 B1CCAB

 CCE8C6

 091F00

■ 0B1F03

■ 0D1F06

■ 101F09

■ 121F0C

■ 141F10

■ 161F13

■ 181F16

■ 1B1F19

■ 1D1F1C

# Harmonies

## Analogous

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



1A1C00



091F00



002114

# Triad

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



091F00



001D35



330D11

# Complementary

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



091F00



16001F

# 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.



300D20



091F00



101934

# Square

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



091F00



00202E



25132C



301200

# Rectangle

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



091F00



00211E



25132C



330D17



# Sweetspot

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



091F00



20291D



1F1600



0F140D



949494



141414



# Same Dimension

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



091F00



0C2900



001F06



0E0F0E



174F00



3CCF00



# Inverse Universe

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



16001F



1D0029



1F0019



0F0E0F



38004F

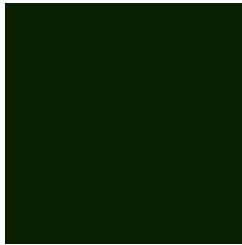


9300CF



# Previews

## White Background



This preview shows how the Hex color 091F00 looks on a white background.

## Color Contrast Check

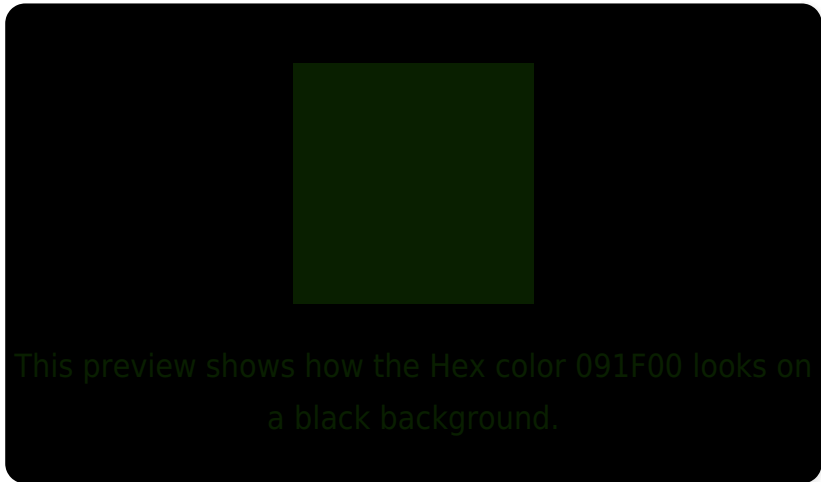
Large Text (above 18pt) WCAG AA ✓ Pass

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

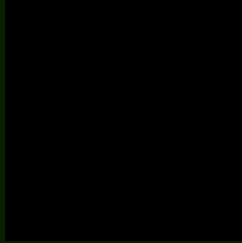
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 091F00 Background



This preview shows how black text looks on a background with the Hex color 091F00.



This preview shows how white text looks on a background with the Hex color 091F00.

# 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](#).

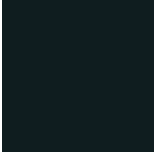
## Dichromacy



**Original Color**  
091F00

**Protanopia**  
1E1B00

**Deuteranopia**  
221907



**Tritanopia**  
0F1D1F

# Trichromacy



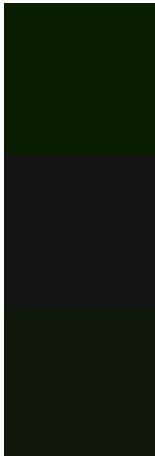
**Original Color**  
091F00

**Protanomaly**  
161C00

**Deuteranomaly**  
191B04

**Tritanomaly**  
0D1E14

# Monochromacy



**Original Color**  
091F00

**Achromatopsia**  
151515

**Achromatomaly**  
11190D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 091F00 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 #091F00 looks like.

```
.text, #text, p{  
    color:#091F00  
}
```

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 #091F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091F00
}
```

## Border

The CSS property to change the border of an element to Hex 091F00 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".

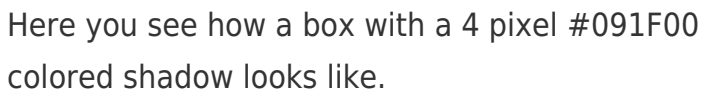
```
.border, #border, table{ border:4px solid
#091F00 }
```

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

```
.border{ border-color:#091F00 }
```

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

Here you see how a box with a 4 pixel #091F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091F00; -webkit-box-shadow:4px 4px  
4px 4px #091F00; box-shadow:4px 4px 4px  
4px #091F00 }
```

# Background

The CSS property to change the background color of an element to Hex 091F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091F00 }
```

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

```
.background{ background-color:#091F00 }
```

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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