

# Converting Colors

Hex(091E21)

Have a look what the booklet for  
Hex(091E21) contains.

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# Color

**Hex(091E21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	091E21
RGB	9, 30, 33
RGB Percent	4%, 12%, 13%
CMY	0.9647, 0.8824, 0.8706
CMYK	0.73, 0.09, 0.00, 0.87
HSL	188°, 57%, 8%
HSV	188°, 73%, 13%
XYZ	0.8514, 1.0964, 1.6056
YIQ	24.0630, -13.4790, -3.5190

# Conversions

## Conversions Part 2

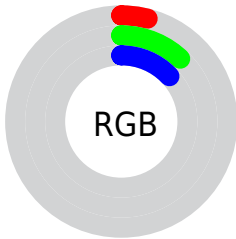
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 20, 33
Decimal	597537
CIE <sub>Lab</sub>	9.77, -7.24, -4.61
CIE <sub>LCh</sub>	10, 8.581, 212.518
Yxy	1.0964, 0.2396, 0.3086
Android (android.graphics.Color)	4278787617 (0xFF091E21)
YUV	24.0630, 4.4059, -13.2103
Hunter-Lab	10.4710, -3.8098, -1.7616

# Details

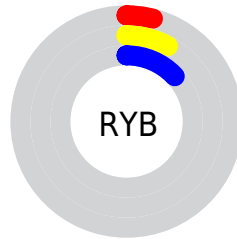
The Hex color **091E21** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210C09**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **354A4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **061E21**, and if you desaturate by 10%, it is **0C1E21**.

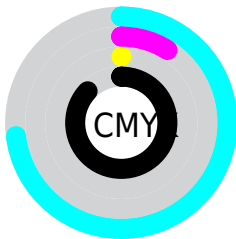
# Distribution



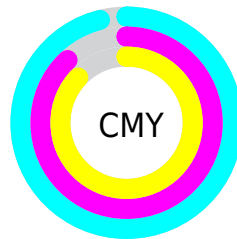
- Red (4%)
- Green (12%)
- Blue (13%)



- Red (4%)
- Yellow (8%)
- Blue (13%)



- Cyan (73%)
- Magenta (9%)
- Yellow (0%)
- Black (87%)



- Cyan (96%)
- Magenta (88%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 091E21 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 091E21 by changing the saturation by 10% instead.



■ 091E21

■ 091E21

■ EAFFFF

■ 00000A

■ 354A4D

■ 000000

■ 4C6265

■ 647A7E

■ 7D9498

■ 97AFB2

■ B2CACE

■ CEE6EA

■ 091E21

■ 091E21

■ 061E21

■ 0C1E21

■ 021D21

■ 101F21

■ 001D21

■ 131F21

■ 162021

■ 1A2021

■ 1D2021

■ 202121

■ 232121

■ 272221

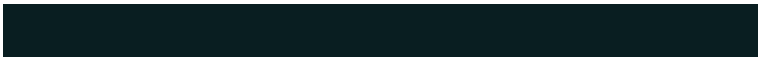
# Harmonies

## Analogous

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



0C1E1B



091E21



0D1D25

# Triad

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



091E21



231820



1F1B0E

# Complementary

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



091E21



210C09

# 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.



241910



091E21



26171B

# Square

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



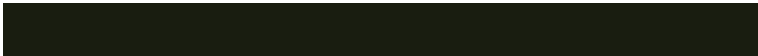
091E21



1C1925



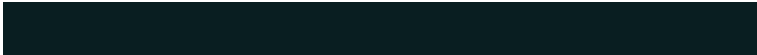
261715



191D10

# Rectangle

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



091E21



121C26



261715



211A0E



# Sweetspot

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



091E21



222A2B



09210C



111617



969696



171717



# Same Dimension

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



091E21



06272B



091221



0E0F0F



00454F



00B5CF



# Inverse Universe

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



21091E



2B0627



211809



0F0E0F



4F0045

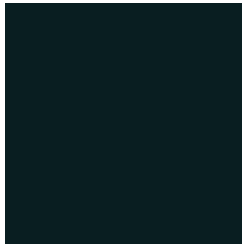


CF00B5



# Previews

## White Background



This preview shows how the Hex color 091E21 looks on a white background.

## Color Contrast Check

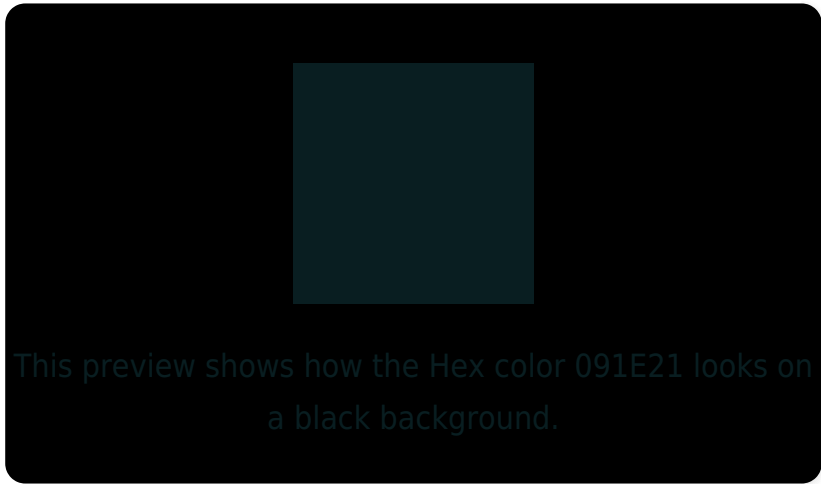
Large Text (above 18pt) WCAG AA ✓ Pass

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

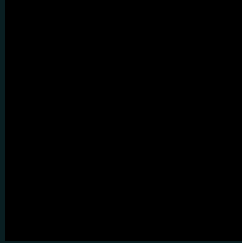
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

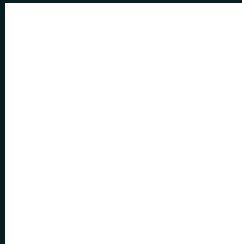
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 091E21 Background



This preview shows how black text looks on a background with the Hex color 091E21.



This preview shows how white text looks on a background with the Hex color 091E21.

# 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**  
091E21

**Protanopia**  
1B1B1F

**Deuteranopia**  
1B1B22



**Tritanopia**  
091E21

# Trichromacy



**Original Color**

091E21

**Protanomaly**

141C20

**Deuteranomaly**

141C22

**Tritanomaly**

091E21

# Monochromacy



**Original Color**

091E21

**Achromatopsia**

181818

**Achromatomaly**

131A1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 091E21 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 #091E21 looks like.

```
.text, #text, p{  
    color:#091E21  
}
```

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 #091E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091E21
}
```

## Border

The CSS property to change the border of an element to Hex 091E21 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
#091E21 }
```

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

```
.border{ border-color:#091E21 }
```

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

Here you see how a box with a 4 pixel #091E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091E21; -webkit-box-shadow:4px 4px  
4px 4px #091E21; box-shadow:4px 4px 4px  
4px #091E21 }
```

# Background

The CSS property to change the background color of an element to Hex 091E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091E21 }
```

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

```
.background{ background-color:#091E21 }
```

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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