

# Converting Colors

Hex(07291F)

Have a look what the booklet for  
Hex(07291F) contains.

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# Color

**Hex(07291F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07291F
RGB	7, 41, 31
RGB Percent	3%, 16%, 12%
CMY	0.9725, 0.8392, 0.8784
CMYK	0.83, 0.00, 0.24, 0.84
HSL	162°, 71%, 9%
HSV	162°, 83%, 16%
XYZ	1.1279, 1.7300, 1.5708
YIQ	29.6940, -17.0540, -10.3180

# Conversions

## Conversions Part 2

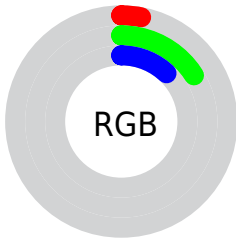
Format	Color
R <sub>Y</sub> B	7, 27, 41
Decimal	469279
CIE Lab	14.00, -15.27, 3.04
CIE LCh	14, 15.569, 168.745
Yxy	1.7300, 0.2547, 0.3906
Android (android.graphics.Color)	4278659359 (0xFF07291F)
YUV	29.6940, 0.6439, -19.9026
Hunter-Lab	13.1529, -7.7108, 2.1262

# Details

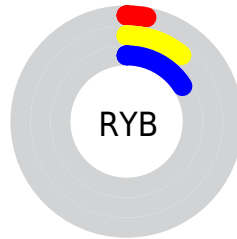
The Hex color **07291F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290711**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **35574B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03291E**, and if you desaturate by 10%, it is **0B2920**.

# Distribution



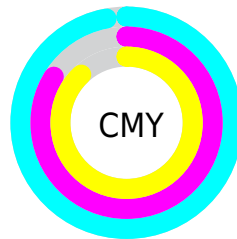
- Red (3%)
- Green (16%)
- Blue (12%)



- Red (3%)
- Yellow (11%)
- Blue (16%)



- Cyan (83%)
- Magenta (0%)
- Yellow (24%)
- Black (84%)



- Cyan (97%)
- Magenta (84%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07291F 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 07291F by changing the saturation by 10% instead.



 07291F

 07291F

 ECFFFF

 001607

 35574B

 000000

 4D6F63

 65897B

 7FA395

 99BEB0

 B4DACB

 D0F6E7

 07291F

 07291F

■ 03291E

■ 0B2920

■ 00291D

■ 0F2921

■ 132923

■ 172924

■ 1B2925

■ 202926

■ 242927

■ 282929

■ 2C292A

# Harmonies

## Analogous

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



172815



07291F



00292A

# Triad

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



07291F



1E2238



351E14

# Complementary

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



07291F



290711

# 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.



381B1D



07291F



2D1E32

# Square

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



07291F



092639



361B28



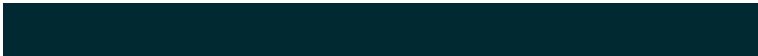
2E220D

# Rectangle

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



07291F



002931



361B28



371D17



# Sweetspot

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



07291F



283632



112907



141C1A



9C9C9C



1C1C1C



# Same Dimension

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



07291F



003626



072229



121414



00543B



00D495



# Inverse Universe

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



290711



360010



290E07



141213



540019

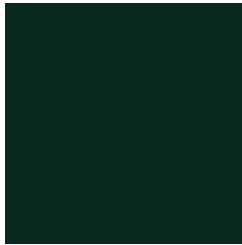


D4003E



# Previews

## White Background



This preview shows how the Hex color 07291F looks on a white background.

## Color Contrast Check

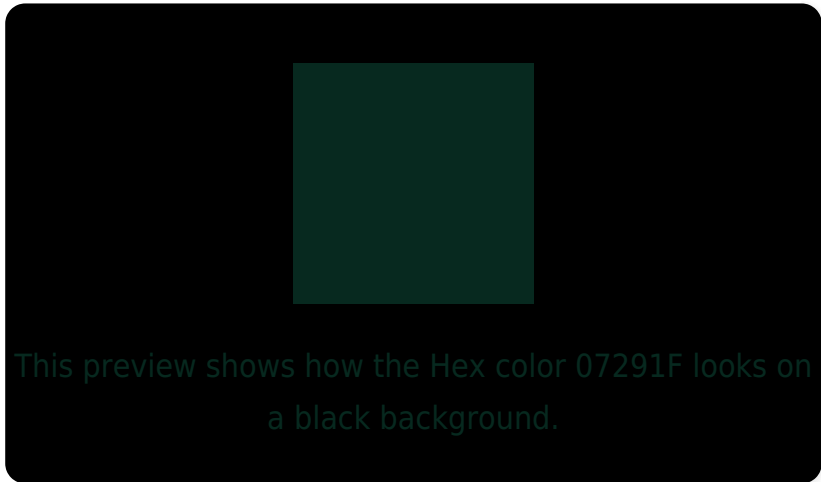
Large Text (above 18pt) WCAG AA ✓ Pass

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

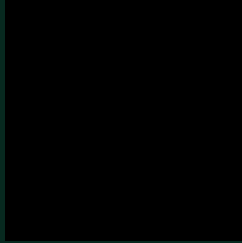
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07291F Background



This preview shows how black text looks on a background with the Hex color 07291F.



This preview shows how white text looks on a background with the Hex color 07291F.

# 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**  
07291F

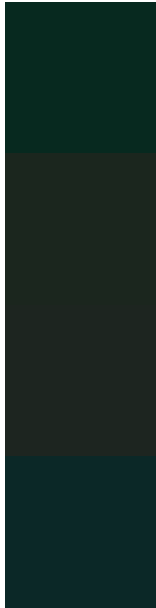
**Protanopia**  
26241D

**Deuteranopia**  
292320



**Tritanopia**  
0E272B

# Trichromacy



**Original Color**  
07291F

**Protanomaly**  
1B261E

**Deuteranomaly**  
1D2520

**Tritanomaly**  
0B2827

# Monochromacy



**Original Color**  
07291F

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
16221E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07291F 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 #07291F looks like.

```
.text, #text, p{  
    color:#07291F  
}
```

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 #07291F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07291F
}
```

## Border

The CSS property to change the border of an element to Hex 07291F is called "border". The border property can be set on classes, ids or directly on the HTML element.

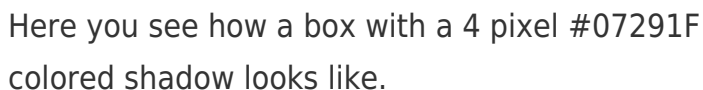
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07291F }
```

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

```
.border{ border-color:#07291F }
```

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



Here you see how a box with a 4 pixel #07291F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07291F; -webkit-box-shadow:4px 4px  
4px 4px #07291F; box-shadow:4px 4px 4px  
4px #07291F }
```

# Background

The CSS property to change the background color of an element to Hex 07291F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07291F }
```

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

```
.background{ background-color:#07291F }
```

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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