

Converting Colors

Hex(07211F)

Have a look what the booklet for
Hex(07211F) contains.

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Color

Hex(07211F)

Conversions

Conversions Part 1

Format	Color
Hex	07211F
RGB	7, 33, 31
RGB Percent	3%, 13%, 12%
CMY	0.9725, 0.8706, 0.8784
CMYK	0.79, 0.00, 0.06, 0.87
HSL	175°, 65%, 8%
HSV	175°, 79%, 13%
XYZ	0.8788, 1.2318, 1.4878
YIQ	24.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

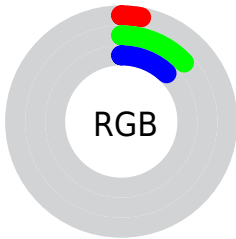
Format	Color
R_{YB}	7, 21, 33
Decimal	467231
CIE _{Lab}	10.79, -10.53, -1.62
CIE _{LCh}	11, 10.656, 188.768
Yxy	1.2318, 0.2442, 0.3423
Android (android.graphics.Color)	4278657311 (0xFF07211F)
YUV	24.9980, 2.9590, -15.7842
Hunter-Lab	11.0987, -5.2890, -0.1787

Details

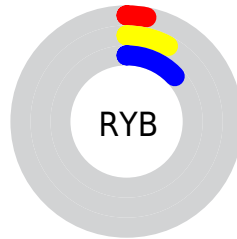
The Hex color **07211F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210709**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **334D4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04211F**, and if you desaturate by 10%, it is **0A211F**.

Distribution



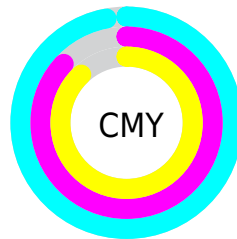
- Red (3%)
- Green (13%)
- Blue (12%)



- Red (3%)
- Yellow (8%)
- Blue (13%)



- Cyan (79%)
- Magenta (0%)
- Yellow (6%)
- Black (87%)



- Cyan (97%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07211F 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 07211F by changing the saturation by 10% instead.

■ 07211F

■ 07211F

■ E9FFFF

■ 000607

■ 334D4B

■ 000000

■ 4B6562

■ 637E7B

■ 7C9895

■ 96B3B0

■ B1CFCB

■ CDEBE7

■ 07211F

■ 07211F

■ 04211F

■ 0A211F

■ 00211E

■ 0E2120

■ 112120

■ 142120

■ 172120

■ 1B2121

■ 1E2121

■ 212121

■ 252121

Harmonies

Analogous

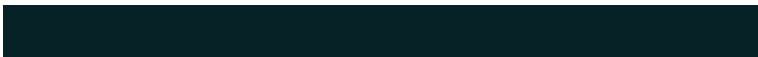
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0F2118



07211F



052126

Triad

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



07211F



211A28



271B0F

Complementary

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



07211F



210709

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.



2A1914



07211F



281822

Square

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



07211F



161D2B



2B181B



201D0D

Rectangle

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



07211F



082029



2B181B



281A10

Sweetspot

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



07211F



212B2B



092107



101716



969696



171717

Same Dimension

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



07211F



022B28



071621



0E0F0F



004F49



00CFBF

Inverse Universe

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



210709



2B0205



211207



0F0E0E



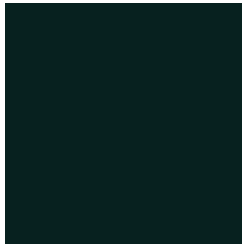
4F0006



CF0010

Previews

White Background



This preview shows how the Hex color 07211F looks on a white background.

Color Contrast Check

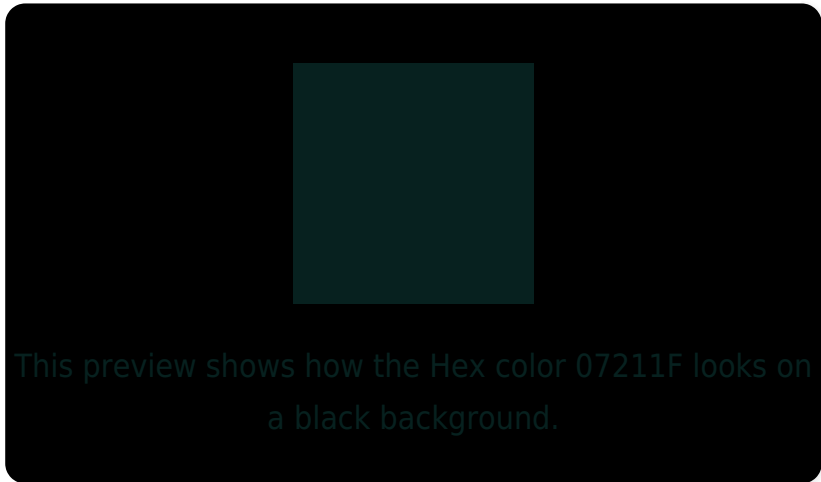
Large Text (above 18pt) WCAG AA ✓ Pass

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

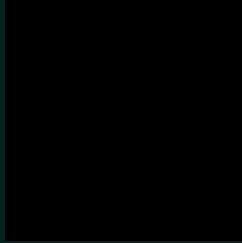
Any Text WCAG AA × Fail

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 07211F Background



This preview shows how black text looks on a background with the Hex color 07211F.



This preview shows how white text looks on a background with the Hex color 07211F.

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

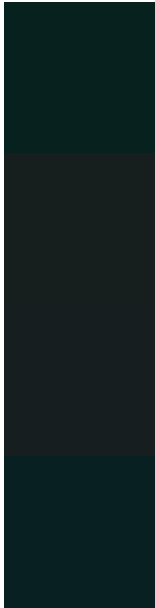


Original Color
07211F

Protanopia
1E1D1D

Deuteranopia
1F1D20

Trichromacy



Original Color
07211F

Protanomaly
161E1E

Deuteranomaly
161E20

Tritanomaly
092022

Monochromacy



Original Color
07211F

Achromatopsia
191919

Achromatomaly
121C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 07211F 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 #07211F looks like.

```
.text, #text, p{  
    color:#07211F  
}
```

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 #07211F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07211F
}
```

Border

The CSS property to change the border of an element to Hex 07211F 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
#07211F }
```

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

```
.border{ border-color:#07211F }
```

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

Here you see how a box with a 4 pixel #07211F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07211F; -webkit-box-shadow:4px 4px  
4px 4px #07211F; box-shadow:4px 4px 4px  
4px #07211F }
```

Background

The CSS property to change the background color of an element to Hex 07211F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07211F }
```

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

```
.background{ background-color:#07211F }
```

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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