

Converting Colors

Hex(07221C)

Have a look what the booklet for
Hex(07221C) contains.

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Color

Hex(07221C)

Conversions

Conversions Part 1

Format	Color
Hex	07221C
RGB	7, 34, 28
RGB Percent	3%, 13%, 11%
CMY	0.9725, 0.8667, 0.8902
CMYK	0.79, 0.00, 0.18, 0.87
HSL	167°, 66%, 8%
HSV	167°, 79%, 13%
XYZ	0.8693, 1.2731, 1.2985
YIQ	25.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

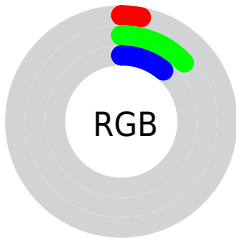
Format	Color
R_YB	7, 22, 34
Decimal	467484
CIE Lab	11.09, -12.19, 1.01
CIE LCh	11, 12.229, 175.283
Yxy	1.2731, 0.2526, 0.3700
Android (android.graphics.Color)	4278657564 (0xFF07221C)
YUV	25.2430, 1.3592, -15.9991
Hunter-Lab	11.2830, -5.9935, 1.0747

Details

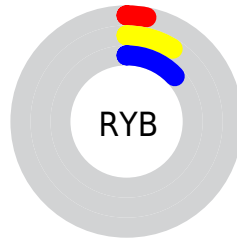
The Hex color **07221C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22070D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **334F47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04221B**, and if you desaturate by 10%, it is **0A221D**.

Distribution



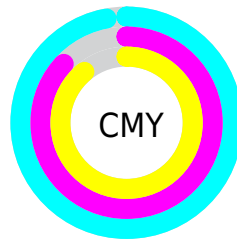
- Red (3%)
- Green (13%)
- Blue (11%)



- Red (3%)
- Yellow (9%)
- Blue (13%)



- Cyan (79%)
- Magenta (0%)
- Yellow (18%)
- Black (87%)



- Cyan (97%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07221C 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 07221C by changing the saturation by 10% instead.

■ 07221C

■ 07221C

■ E9FFFF

■ 000801

■ 334F47

■ 000000

■ 4A675F

■ 638078

■ 7C9A91

■ 96B5AC

■ B1D0C7

■ CCECE3

■ 07221C

■ 07221C

■ 04221B

■ 0A221D

■ 00221A

■ 0E221E

■ 11221E

■ 15221F

■ 182220

■ 1B2221

■ 1F2221

■ 222222

■ 262223

Harmonies

Analogous

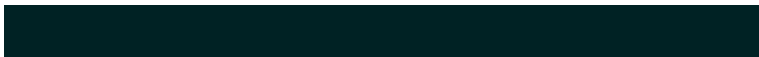
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



122114



07221C



002224

Triad

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



07221C



1D1C2D



2B1A0F

Complementary

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



07221C



22070D

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.



2E1817



07221C



271927

Square

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



07221C



0F1F2E



2D171F



251D0B

Rectangle

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



07221C



002129



2D171F



2C1912

Sweetspot

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



07221C



212B29



0D2207



101715



969696



171717

Same Dimension

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



07221C



022B22



071B22



101211



00523F



00D1A3

Inverse Universe

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



22070D



2B020B



220E07



121010



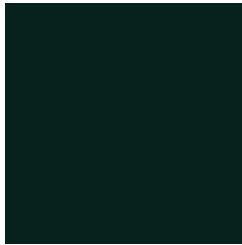
520012



D1002E

Previews

White Background



This preview shows how the Hex color 07221C looks on a white background.

Color Contrast Check

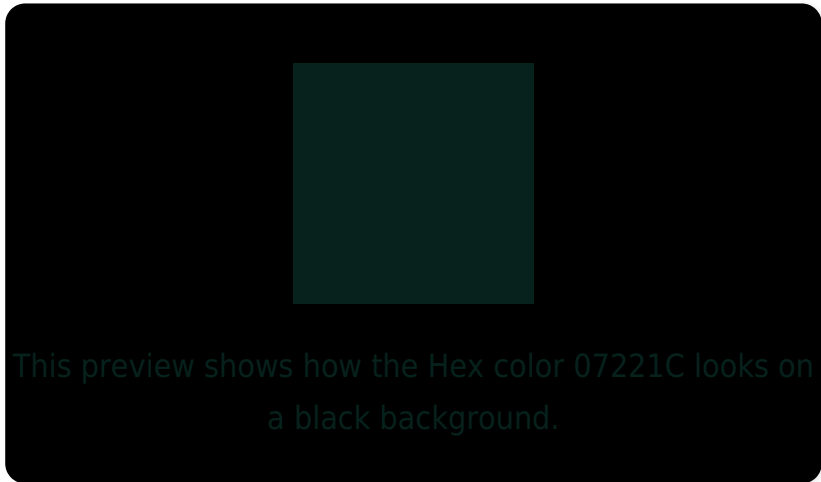
Large Text (above 18pt) WCAG AA ✓ Pass

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

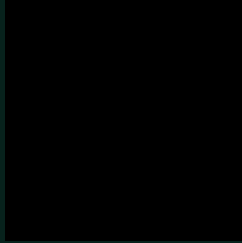
Any Text WCAG AA × Fail

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 07221C Background



This preview shows how black text looks on a background with the Hex color 07221C.



This preview shows how white text looks on a background with the Hex color 07221C.

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

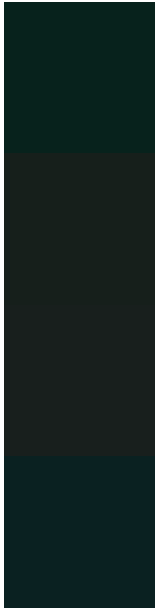


Original Color
07221C

Protanopia
1F1E1A

Deuteranopia
211D1D

Trichromacy



Original Color
07221C

Protanomaly
161F1B

Deuteranomaly
181F1D

Tritanomaly
0A2121

Monochromacy



Original Color
07221C

Achromatopsia
191919

Achromatomaly
121C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 07221C 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 #07221C looks like.

```
.text, #text, p{  
    color:#07221C  
}
```

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 #07221C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07221C
}
```

Border

The CSS property to change the border of an element to Hex 07221C is called "border". The border property can be set on classes, ids or directly on the HTML element.

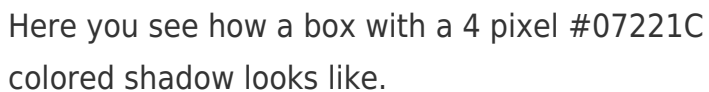
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07221C }
```

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

```
.border{ border-color:#07221C }
```

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



Here you see how a box with a 4 pixel #07221C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07221C; -webkit-box-shadow:4px 4px  
4px 4px #07221C; box-shadow:4px 4px 4px  
4px #07221C }
```

Background

The CSS property to change the background color of an element to Hex 07221C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07221C }
```

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

```
.background{ background-color:#07221C }
```

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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