

Converting Colors

Hex(07210E)

Have a look what the booklet for
Hex(07210E) contains.

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Color

Hex(07210E)

Conversions

Conversions Part 1

Format	Color
Hex	07210E
RGB	7, 33, 14
RGB Percent	3%, 13%, 5%
CMY	0.9725, 0.8706, 0.9451
CMYK	0.79, 0.00, 0.58, 0.87
HSL	136°, 65%, 8%
HSV	136°, 79%, 13%
XYZ	0.7107, 1.1646, 0.6028
YIQ	23.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

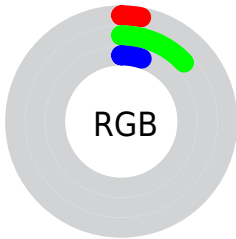
Format	Color
R_YB	7, 27, 33
Decimal	467214
CIE Lab	10.29, -15.25, 9.13
CIE LCh	10, 17.775, 149.110
Yxy	1.1646, 0.2868, 0.4699
Android (android.graphics.Color)	4278657294 (0xFF07210E)
YUV	23.0600, -4.4666, -14.0846
Hunter-Lab	10.7916, -7.1292, 4.2423

Details

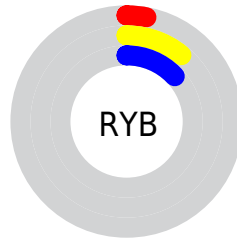
The Hex color **07210E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21071A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **334D39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04210C**, and if you desaturate by 10%, it is **0A2110**.

Distribution



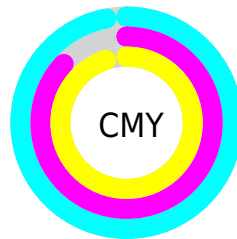
- Red (3%)
- Green (13%)
- Blue (5%)



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



- Cyan (79%)
- Magenta (0%)
- Yellow (58%)
- Black (87%)



- Cyan (97%)
- Magenta (87%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07210E 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 07210E by changing the saturation by 10% instead.

 07210E

 07210E

 E8FFEE

 000200

 334D39

 000000

 4A6650

 627F68

 7B9981

 95B39B

 B0CFB6

 CBEBD1

 07210E

 07210E

■ 04210C

■ 0A2110

■ 002109

■ 0E2113

■ 112115

■ 142118

■ 17211A

■ 1B211C

■ 1E211F

■ 212121

■ 252124

Harmonies

Analogous

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



191F00



07210E



00221B

Triad

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



07210E



021D34



321310

Complementary

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



07210E



21071A

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.



31111D



07210E



1C1931

Square

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



07210E



002030



2A1429



2D1701

Rectangle

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



07210E



002224



2A1429



321215

Sweetspot

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



07210E



212B24



1A2107



101712



969696



171717

Same Dimension

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



07210E



022B0D



07211B



0E0F0E



004F15



00CF38

Inverse Universe

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



21071A



2B0220



21070D



0F0E0F



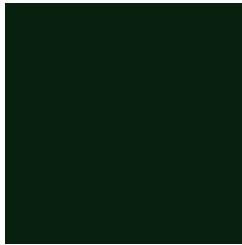
4F003A



CF0097

Previews

White Background



This preview shows how the Hex color 07210E looks on a white background.

Color Contrast Check

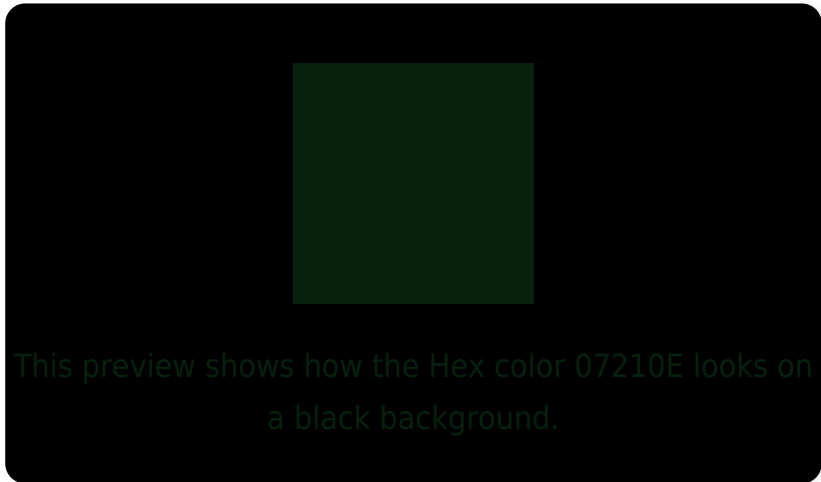
Large Text (above 18pt) WCAG AA ✓ Pass

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

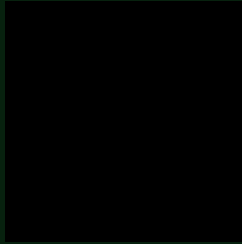
Any Text WCAG AA × Fail

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 07210E Background



This preview shows how black text looks on a background with the Hex color 07210E.



This preview shows how white text looks on a background with the Hex color 07210E.

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
07210E

Protanopia
201D0D

Deuteranopia
231B10



Tritanopia
0E1F21

Trichromacy



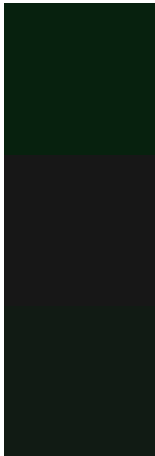
Original Color
07210E

Protanomaly
171E0D

Deuteranomaly
191D0F

Tritanomaly
0B201A

Monochromacy



Original Color
07210E

Achromatopsia
171717

Achromatomaly
111B14

CSS Examples

Text

The CSS property to change the color of the text to Hex 07210E 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 #07210E looks like.

```
.text, #text, p{  
    color:#07210E  
}
```

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 #07210E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07210E
}
```

Border

The CSS property to change the border of an element to Hex 07210E is called "border". The border property can be set on classes, ids or directly on the HTML element.

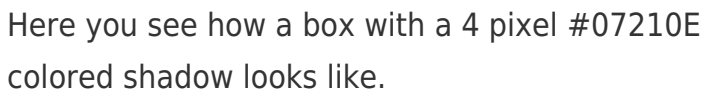
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07210E }
```

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

```
.border{ border-color:#07210E }
```

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



Here you see how a box with a 4 pixel #07210E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07210E; -webkit-box-shadow:4px 4px  
4px 4px #07210E; box-shadow:4px 4px 4px  
4px #07210E }
```

Background

The CSS property to change the background color of an element to Hex 07210E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07210E }
```

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

```
.background{ background-color:#07210E }
```

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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