

Converting Colors

Hex(07230C)

Have a look what the booklet for
Hex(07230C) contains.

Hex(07230C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(07230C)

Conversions

Conversions Part 1

Format	Color
Hex	07230C
RGB	7, 35, 12
RGB Percent	3%, 14%, 5%
CMY	0.9725, 0.8627, 0.9529
CMYK	0.80, 0.00, 0.66, 0.86
HSL	131°, 67%, 8%
HSV	131°, 80%, 14%
XYZ	0.7550, 1.2738, 0.5539
YIQ	24.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

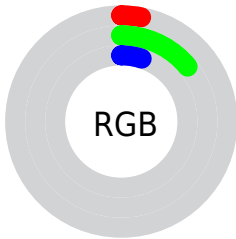
Format	Color
RYB	7, 31, 35
Decimal	467724
CIELab	11.09, -16.88, 11.20
CIELCh	11, 20.255, 146.432
Yxy	1.2738, 0.2923, 0.4932
Android (android.graphics.Color)	4278657804 (0xFF07230C)
YUV	24.0060, -5.9190, -14.9143
Hunter-Lab	11.2862, -7.8097, 4.9905

Details

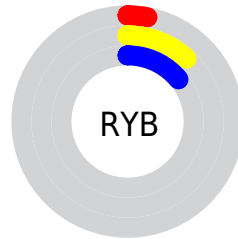
The Hex color **07230C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23071E**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **335037**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **032309**, and if you desaturate by 10%, it is **0B230F**.

Distribution



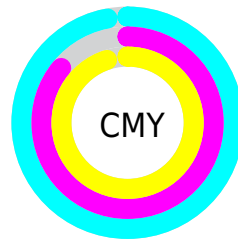
- Red (3%)
- Green (14%)
- Blue (5%)



- Red (3%)
- Yellow (12%)
- Blue (14%)



- Cyan (80%)
- Magenta (0%)
- Yellow (66%)
- Black (86%)



- Cyan (97%)
- Magenta (86%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07230C 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 07230C by changing the saturation by 10% instead.

 07230C

 07230C

 E8FFEC

 000700

 335037

 000000

 4A684E

 628166

 7B9B7F

 96B699

 B0D2B4

 CCEECF

 07230C

 07230C

■ 032309

■ 0B230F

■ 002306

■ 0E2312

■ 122315

■ 152317

■ 19231A

■ 1C231D

■ 202320

■ 232323

■ 272326

Harmonies

Analogous

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



1B2000



07230C



00241B

Triad

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



07230C



002039



361212

Complementary

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



07230C



23071E

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.



361120



07230C



1B1B36

Square

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



07230C



002334



2D152D



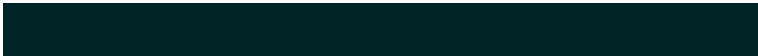
311700

Rectangle

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



07230C



002425



2D152D



371117

Sweetspot

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



07230C



232E25



1E2307



101711



969696



171717

Same Dimension

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



07230C



022E0A



07231A



101210



00520F



00D125

Inverse Universe

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



23071E



2E0226



230710



121012



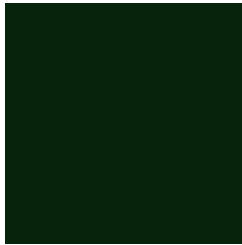
520043



D100AC

Previews

White Background



This preview shows how the Hex color 07230C looks on a white background.

Color Contrast Check

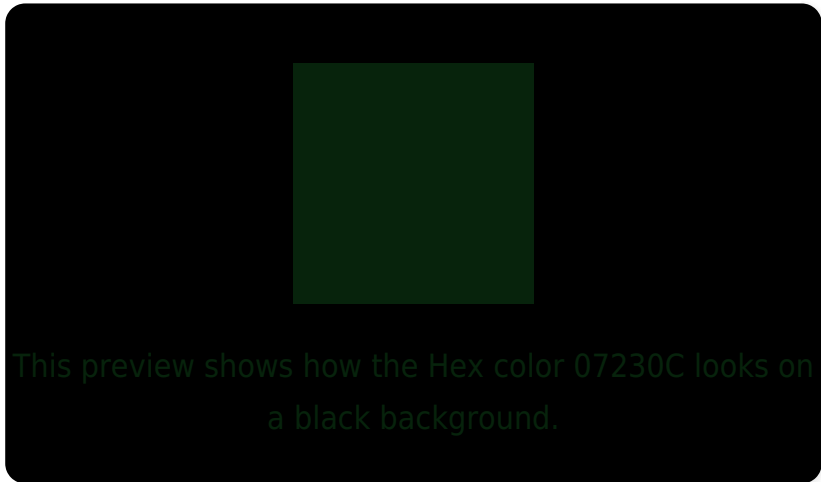
Large Text (above 18pt) WCAG AA ✓ Pass

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

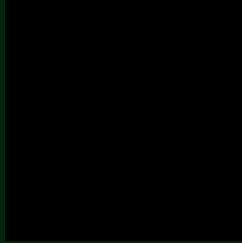
Any Text WCAG AA × Fail

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 07230C Background



This preview shows how black text looks on a background with the Hex color 07230C.



This preview shows how white text looks on a background with the Hex color 07230C.

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
07230C

Protanopia
221E0B

Deuteranopia
251D0E

Trichromacy



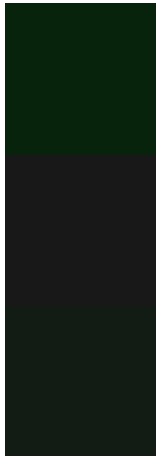
Original Color
07230C

Protanomaly
18200B

Deuteranomaly
1A1F0D

Tritanomaly
0C221B

Monochromacy



Original Color
07230C

Achromatopsia
181818

Achromatomaly
121C14

CSS Examples

Text

The CSS property to change the color of the text to Hex 07230C 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 #07230C looks like.

```
.text, #text, p{  
    color:#07230C  
}
```

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 #07230C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07230C
}
```

Border

The CSS property to change the border of an element to Hex 07230C 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".

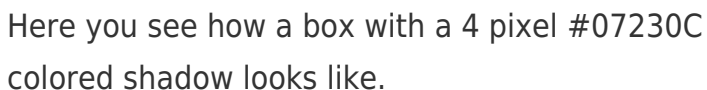
```
.border, #border, table{ border:4px solid
#07230C }
```

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

```
.border{ border-color:#07230C }
```

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

Here you see how a box with a 4 pixel #07230C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07230C; -webkit-box-shadow:4px 4px  
4px 4px #07230C; box-shadow:4px 4px 4px  
4px #07230C }
```

Background

The CSS property to change the background color of an element to Hex 07230C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07230C }
```

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

```
.background{ background-color:#07230C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor