

Converting Colors

Hex(07000C)

Have a look what the booklet for
Hex(07000C) contains.

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Color

Hex(07000C)

Conversions

Conversions Part 1

Format	Color
Hex	07000C
RGB	7, 0, 12
RGB Percent	3%, 0%, 5%
CMY	0.9725, 1.0000, 0.9529
CMYK	0.42, 1.00, 0.00, 0.95
HSL	275°, 100%, 2%
HSV	275°, 100%, 5%
XYZ	0.1540, 0.0717, 0.3536
YIQ	3.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

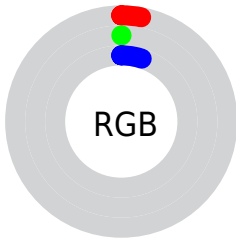
Format	Color
RYB	7, 0, 12
Decimal	458764
CIELab	0.65, 3.52, -3.94
CIELCh	1, 5.280, 311.741
Yxy	0.0717, 0.2658, 0.1238
Android (android.graphics.Color)	4278648844 (0xFF07000C)
YUV	3.4610, 4.2097, 3.1037
Hunter-Lab	2.6780, 5.5773, -5.9530

Details

The Hex color **07000C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **050C00**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **343037**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07000C**, and if you desaturate by 10%, it is **07010C**.

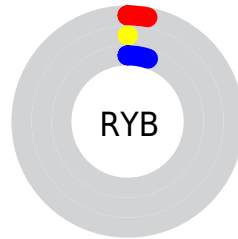
Distribution



Red (3%)

Green (0%)

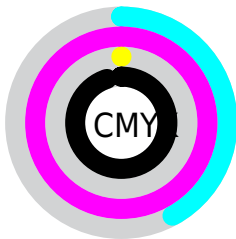
Blue (5%)



Red (3%)

Yellow (0%)

Blue (5%)

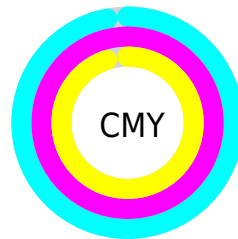


Cyan (42%)

Magenta (100%)

Yellow (0%)

Black (95%)



Cyan (97%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07000C 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 07000C by changing the saturation by 10% instead.

 07000C

 07000C

 E8E2EC

 000000

 343037

 4B474E

 635E66

 7C777F

 959199

 B0ABB4

 CCC6D0

 07000C

■ 07010C

■ 08020C

■ 08040C

■ 09050C

■ 09060C

■ 0A070C

■ 0A080C

■ 0B0A0C

■ 0B0B0C

Harmonies

Analogous

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



00020E



07000C



0D0007

Triad

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



07000C



080100



000505

Complementary

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



07000C



050C00

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.



000400



07000C



010300

Square

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



07000C



0E0000



000400



00050B

Rectangle

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



07000C



0F0002



000400



000503

Sweetspot

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



07000C



0D0B0F



00050C



070508



878787



080808

Same Dimension

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



07000C



09000F



0C000B



050505



280045



7300C4

Inverse Universe

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



0C0005



0F0006



000C01



050505



45001D



C40052

Previews

White Background



This preview shows how the Hex color 07000C looks on a white background.

Color Contrast Check

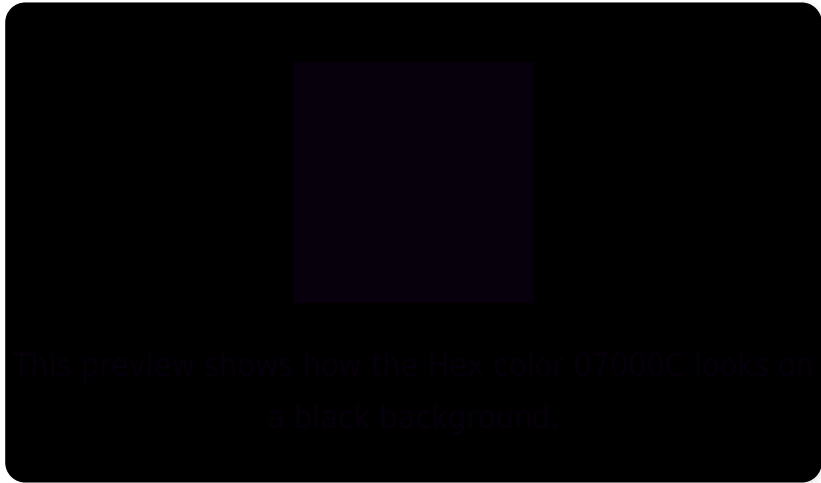
Large Text (above 18pt) WCAG AA ✓ Pass

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

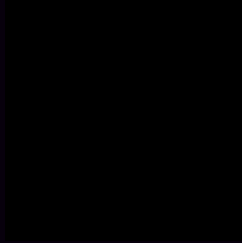
Any Text WCAG AA × Fail

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 07000C Background



This preview shows how black text looks on a background with the Hex color 07000C.



This preview shows how white text looks on a background with the Hex color 07000C.

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
07000C

Protanopia
00050A

Deuteranopia
000509



Tritanopia
050505

Trichromacy



Original Color
0700C

Protanomaly
03030B

Deuteranomaly
03030A

Tritanomaly
060308

Monochromacy



Original Color
0700C

Achromatopsia
030303

Achromatomaly
040206

CSS Examples

Text

The CSS property to change the color of the text to Hex 07000C 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 #07000C looks like.

```
.text, #text, p{  
    color:#07000C  
}
```

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 #07000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07000C
}
```

Border

The CSS property to change the border of an element to Hex 07000C is called "border". The border property can be set on classes, ids or directly on the HTML element.

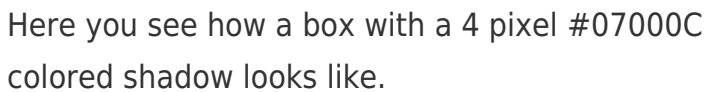
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07000C }
```

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

```
.border{ border-color:#07000C }
```

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



Here you see how a box with a 4 pixel #07000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07000C; -webkit-box-shadow:4px 4px  
4px 4px #07000C; box-shadow:4px 4px 4px  
4px #07000C }
```

Background

The CSS property to change the background color of an element to Hex 07000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07000C }
```

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

```
.background{ background-color:#07000C }
```

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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