

Converting Colors

Hex(00070B)

Have a look what the booklet for
Hex(00070B) contains.

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Color

Hex(00070B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 00070B |
| RGB | 0, 7, 11 |
| RGB Percent | 0%, 3%, 4% |
| CMY | 1.0000, 0.9725, 0.9569 |
| CMYK | 1.00, 0.36, 0.00, 0.96 |
| HSL | 202°, 100%, 2% |
| HSV | 202°, 100%, 4% |
| XYZ | 0.1364, 0.1761, 0.3434 |
| YIQ | 5.3630, -5.4560, -0.2400 |

Conversions

Conversions Part 2

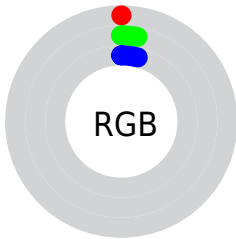
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 4, 11 |
| Decimal | 1803 |
| CIELab | 1.59, -1.27, -2.17 |
| CIElCh | 2, 2.514, 239.643 |
| Yxy | 0.1761, 0.2079, 0.2685 |
| Android (android.graphics.Color) | 4278191883 (0xFF00070B) |
| YUV | 5.3630, 2.7790, -4.7034 |
| Hunter-Lab | 4.1967, -1.5432, -1.9141 |

Details

The Hex color **00070B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0400**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **303437**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00070B**, and if you desaturate by 10%, it is **01070B**.

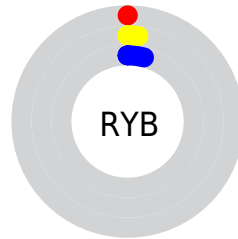
Distribution



Red (0%)

Green (3%)

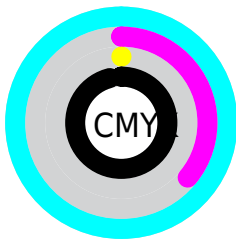
Blue (4%)



Red (0%)

Yellow (2%)

Blue (4%)

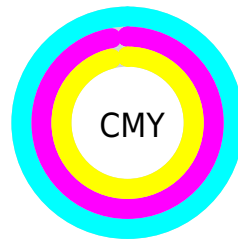


Cyan (100%)

Magenta (36%)

Yellow (0%)

Black (96%)



Cyan (100%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00070B 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 00070B by changing the saturation by 10% instead.

■ 00070B

■ 00070B

■ E2E8EB

■ 000000

■ 303437

■ 464B4E

■ 5E6366

■ 777C7F

■ 909698

■ ABB0B3

■ C6CCCF

■ 00070B

■ 01070B

■ 02080B

■ 03080B

■ 04090B

■ 06090B

■ 07090B

■ 080A0B

■ 090A0B

■ 0A0B0B

Harmonies

Analogous

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



000809



00070B



03060C

Triad

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



00070B



0C0406



050700

Complementary

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



00070B



0B0400

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.



090600



00070B



0D0403

Square

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



00070B



0A0409



0C0501



020703

Rectangle

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



00070B



05050C



0C0501



060600

Sweetspot

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



00070B



0B0E0F



000B04



050708



878787



080808

Same Dimension

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



00070B



000A0F



00020B



050505



002C45



007DC4

Inverse Universe

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



0B0007



0F000A



0B0900



050505



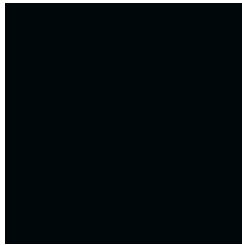
45002C



C4007D

Previews

White Background



This preview shows how the Hex color 00070B looks on a white background.

Color Contrast Check

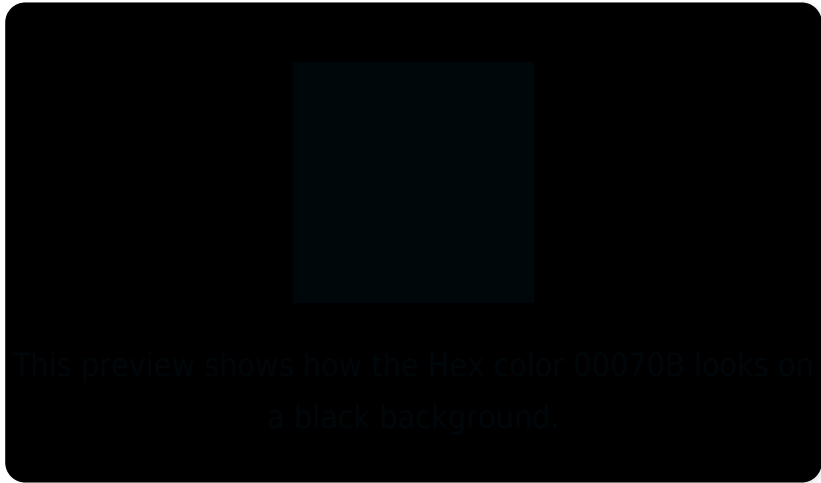
Large Text (above 18pt) WCAG AA ✓ Pass

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

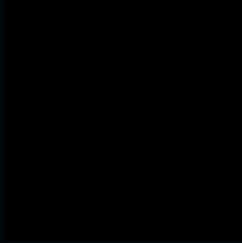
Any Text WCAG AA × Fail

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 00070B Background



This preview shows how black text looks on a background with the Hex color 00070B.



This preview shows how white text looks on a background with the Hex color 00070B.

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
00070B

Protanopia
05070B

Deuteranopia
04070B



Tritanopia
000708

Trichromacy



Original Color
00070B

Protanomaly
03070B

Deuteranomaly
03070B

Tritanomaly
000709

Monochromacy



Original Color
00070B

Achromatopsia
050505

Achromatomaly
030607

CSS Examples

Text

The CSS property to change the color of the text to Hex 00070B 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 #00070B looks like.

```
.text, #text, p{  
    color:#00070B  
}
```

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 #00070B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00070B
}
```

Border

The CSS property to change the border of an element to Hex 00070B is called "border". The border property can be set on classes, ids or directly on the HTML element.

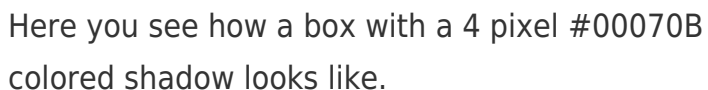
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00070B }
```

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

```
.border{ border-color:#00070B }
```

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



Here you see how a box with a 4 pixel #00070B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00070B; -webkit-box-shadow:4px 4px  
4px 4px #00070B; box-shadow:4px 4px 4px  
4px #00070B }
```

Background

The CSS property to change the background color of an element to Hex 00070B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00070B }
```

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

```
.background{ background-color:#00070B }
```

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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