

Converting Colors

Hex(071707)

Have a look what the booklet for
Hex(071707) contains.

Hex(071707)	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(071707)

Conversions

Conversions Part 1

Format	Color
Hex	071707
RGB	7, 23, 7
RGB Percent	3%, 9%, 3%
CMY	0.9725, 0.9098, 0.9725
CMYK	0.70, 0.00, 0.70, 0.91
HSL	120°, 53%, 6%
HSV	120°, 70%, 9%
XYZ	0.4324, 0.6733, 0.3082
YIQ	16.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

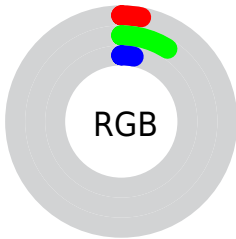
Format	Color
RYB	7, 23, 23
Decimal	464647
CIELab	6.08, -8.50, 6.08
CIElCh	6, 10.452, 144.445
Yxy	0.6733, 0.3058, 0.4762
Android (android.graphics.Color)	4278654727 (0xFF071707)
YUV	16.3920, -4.6303, -8.2368
Hunter-Lab	8.2055, -4.9540, 3.5170

Details

The Hex color **071707** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **170717**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **344134**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **051705**, and if you desaturate by 10%, it is **091709**.

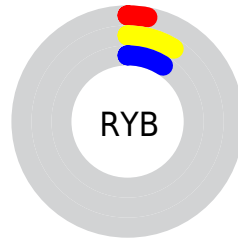
Distribution



Red (3%)

Green (9%)

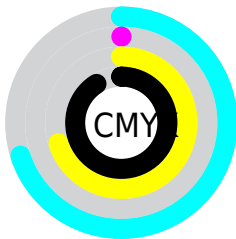
Blue (3%)



Red (3%)

Yellow (9%)

Blue (9%)

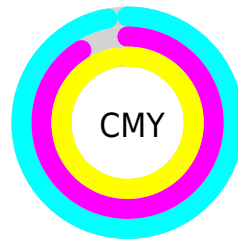


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (91%)



Cyan (97%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 071707 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 071707 by changing the saturation by 10% instead.

■ 071707

■ 071707

■ E7F8E8

■ 000000

■ 344134

■ 4A594B

■ 627163

■ 7B8A7C

■ 95A595

■ B0C0B0

■ CBDCCC

■ 071707

■ 071707

■ 051705

■ 091709

■ 021702

■ 0C170C

■ 001700

■ 0E170E

■ 101710

■ 131713

■ 151715

■ 171717

■ 191719

■ 1C171C

Harmonies

Analogous

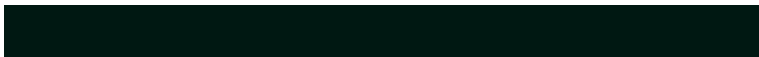
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131500



071707



001812

Triad

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



071707



061521



220E0C

Complementary

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



071707



170717

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.



200E15



071707



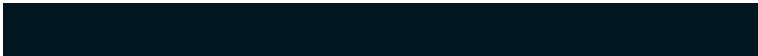
131220

Square

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



071707



00171F



1B0F1C



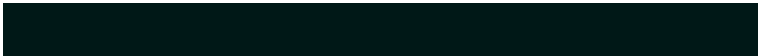
201002

Rectangle

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



071707



001817



1B0F1C



220E0F

Sweetspot

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



071707



181F18



171707



0B0F0B



8F8F8F



0F0F0F

Same Dimension

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



071707



051F05



07170F



0B0D0B



004D00



00CC00

Inverse Universe

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



170717



1F051F



17070F



0D0B0D



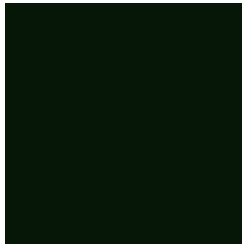
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 071707 looks on a white background.

Color Contrast Check

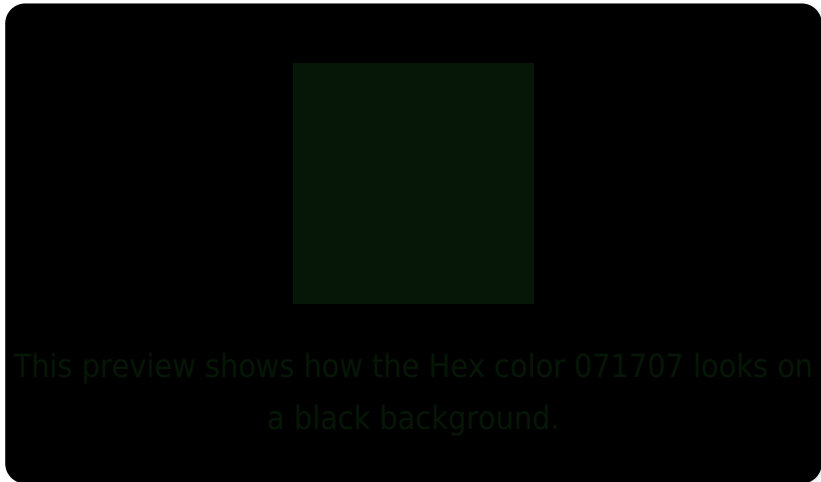
Large Text (above 18pt) WCAG AA ✓ Pass

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

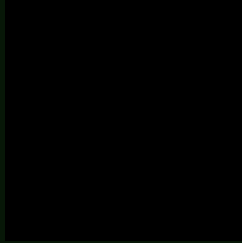
Any Text WCAG AA × Fail

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 071707 Background



This preview shows how black text looks on a background with the Hex color 071707.



This preview shows how white text looks on a background with the Hex color 071707.

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
071707

Protanopia
161406

Deuteranopia
191308



Tritanopia
0B1517

Trichromacy



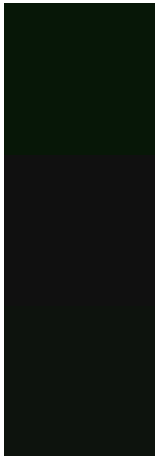
Original Color
071707

Protanomaly
111506

Deuteranomaly
121408

Tritanomaly
0A1611

Monochromacy



Original Color
071707

Achromatopsia
101010

Achromatomaly
0D130D

CSS Examples

Text

The CSS property to change the color of the text to Hex 071707 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 #071707 looks like.

```
.text, #text, p{  
    color:#071707  
}
```

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 #071707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #071707  
}
```

Border

The CSS property to change the border of an element to Hex 071707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

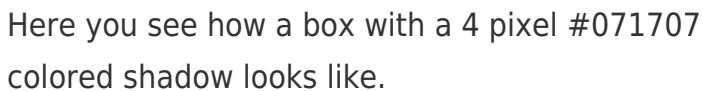
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#071707 }
```

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

```
.border{ border-color:#071707 }
```

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



Here you see how a box with a 4 pixel #071707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #071707; -webkit-box-shadow:4px 4px  
4px 4px #071707; box-shadow:4px 4px 4px  
4px #071707 }
```

Background

The CSS property to change the background color of an element to Hex 071707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#071707 }
```

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

```
.background{ background-color:#071707 }
```

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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