

Converting Colors

Hex(077A12)

Have a look what the booklet for
Hex(077A12) contains.

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Color

Hex(077A12)

Conversions

Conversions Part 1

Format	Color
Hex	077A12
RGB	7, 122, 18
RGB Percent	3%, 48%, 7%
CMY	0.9725, 0.5216, 0.9294
CMYK	0.94, 0.00, 0.85, 0.52
HSL	126°, 89%, 25%
HSV	126°, 94%, 48%
XYZ	7.1563, 14.0079, 2.8989
YIQ	75.7590, -35.1560, -56.7240

Conversions

Conversions Part 2

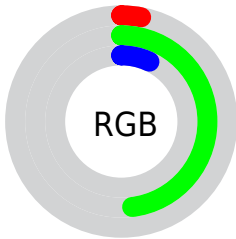
Format	Color
RYB	7, 112, 122
Decimal	490002
CIELab	44.24, -48.54, 44.15
CIELCh	44, 65.616, 137.713
Yxy	14.0079, 0.2974, 0.5821
Android (android.graphics.Color)	4278680082 (0xFF077A12)
YUV	75.7590, -28.4752, -60.3016
Hunter-Lab	37.4271, -31.3670, 21.6067

Details

The Hex color **077A12** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A076F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **51B047**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A0C**, and if you desaturate by 10%, it is **137A1D**.

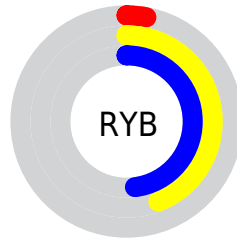
Distribution



Red (3%)

Green (48%)

Blue (7%)



Red (3%)

Yellow (44%)

Blue (48%)

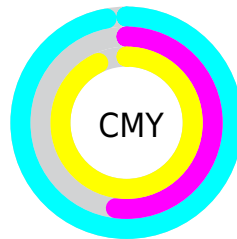


Cyan (94%)

Magenta (0%)

Yellow (85%)

Black (52%)



Cyan (97%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077A12 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 077A12 by changing the saturation by 10% instead.

 077A12

 077A12

FFFFFF

 006000

 51B047

 004800

 6ECB61

 003100

 8AE87B

 001700

 A6FF96

 000000

 C3FFB1

 E1FFCD

 FEFFEA

 077A12

 077A12

■ 007A0C

■ 137A1D

■ 1F7A28

■ 2C7A33

■ 387A3E

■ 447A49

■ 507A54

■ 5C7A5F

■ 697A6A

■ 757A75

Harmonies

Analogous

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



617000



077A12



007F4F

Triad

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



077A12



0076D4



C7264B

Complementary

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



077A12



7A076F

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.



BD2981



077A12



1B64D2

Square

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



077A12



007EB9



9248B3



B54415

Rectangle

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



077A12



008076



9248B3



C7215D

Sweetspot

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



077A12



729E76



707A07



344F37



CFCFCF



4F4F4F

Same Dimension

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



077A12



009E0F



077A4A



373D38



007D0C



00FC18

Inverse Universe

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



7A076F



9E008F



7A0737



3D373D



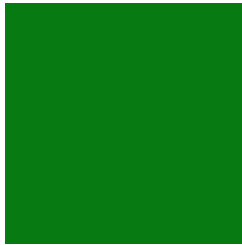
7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 077A12 looks on a white background.

Color Contrast Check

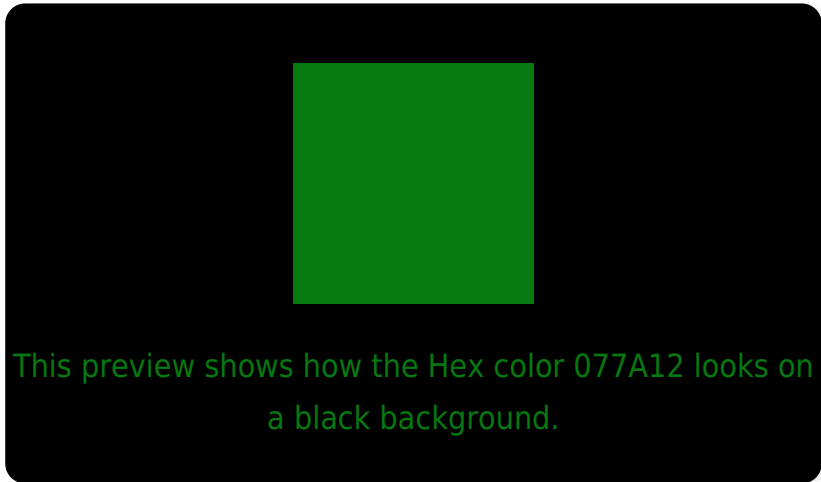
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 077A12 Background



This preview shows how black text looks on a background with the Hex color 077A12.



This preview shows how white text looks on a background with the Hex color 077A12.

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
077A12

Protanopia
76690D

Deuteranopia
83631F



Tritanopia
33727B

Trichromacy



Original Color
077A12



Protanomaly
4E6F0F



Deuteranomaly
566B1A



Tritanomaly
237555

Monochromacy



Original Color
077A12



Achromatopsia
4C4C4C



Achromatomaly
335D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 077A12 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 #077A12 looks like.

```
.text, #text, p{  
    color:#077A12  
}
```

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 #077A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077A12
}
```

Border

The CSS property to change the border of an element to Hex 077A12 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
#077A12 }
```

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

```
.border{ border-color:#077A12 }
```

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

Here you see how a box with a 4 pixel #077A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077A12; -webkit-box-shadow:4px 4px  
4px 4px #077A12; box-shadow:4px 4px 4px  
4px #077A12 }
```

Background

The CSS property to change the background color of an element to Hex 077A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077A12 }
```

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

```
.background{ background-color:#077A12 }
```

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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