

Converting Colors

Hex(077F00)

Have a look what the booklet for
Hex(077F00) contains.

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Color

Hex(077F00)

Conversions

Conversions Part 1

Format	Color
Hex	077F00
RGB	7, 127, 0
RGB Percent	3%, 50%, 0%
CMY	0.9725, 0.5020, 1.0000
CMYK	0.94, 0.00, 1.00, 0.50
HSL	117°, 100%, 25%
HSV	117°, 100%, 50%
XYZ	7.6770, 15.2239, 2.5339
YIQ	76.6420, -30.7530, -64.9370

Conversions

Conversions Part 2

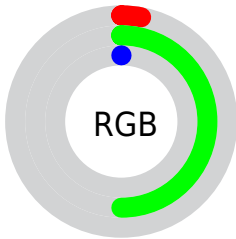
Format	Color
RYB	0, 127, 120
Decimal	491264
CIELab	45.94, -50.85, 49.69
CIELCh	46, 71.096, 135.658
Yxy	15.2239, 0.3018, 0.5985
Android (android.graphics.Color)	4278681344 (0xFF077F00)
YUV	76.6420, -37.7845, -61.0760
Hunter-Lab	39.0178, -33.1603, 23.4621

Details

The Hex color **077F00** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78007F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **53B53F**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **077F00**, and if you desaturate by 10%, it is **137F0D**.

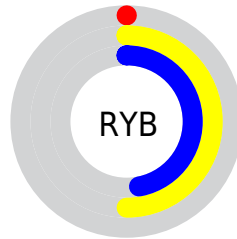
Distribution



Red (3%)

Green (50%)

Blue (0%)



Red (0%)

Yellow (50%)

Blue (47%)

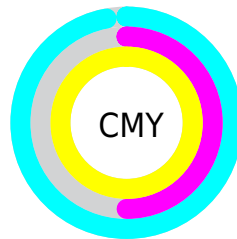


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (97%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077F00 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 077F00 by changing the saturation by 10% instead.

 077F00

 077F00

FFFFFF

 006500

 53B53F

 004C00

 70D15A

 003400

 8DEE74

 001D00

 AAF8F

 000000

 C7FFAA

 E4FFC6

 FFFF3

 077F00

 137F0D

 1F7F19

 2B7F26

 377F33

 437F40

 4F7F4C

 5B7F59

 677F66

 737F72

Harmonies

Analogous

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



687400



077F00



00844D

Triad

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



077F00



007CE1



D31C51

Complementary

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



077F00



78007F

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.



C7248C



077F00



006AE1

Square

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



077F00



0084C2



944BC1



C24115

Rectangle

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



077F00



008677



944BC1



D21564

Sweetspot

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



077F00



77A674



7F7700



385436



D4D4D4



545454

Same Dimension

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



077F00



09A600



007F37



3A4039



078000



000000

Inverse Universe

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



78007F



9D00A6



7F0048



3F3940



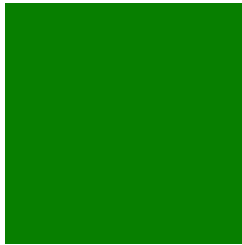
780080



000000

Previews

White Background



This preview shows how the Hex color 077F00 looks on a white background.

Color Contrast Check

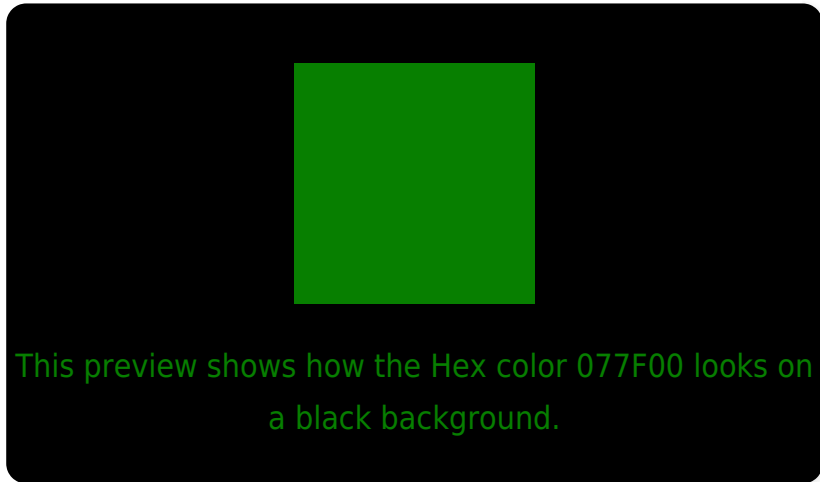
Large Text (above 18pt) WCAG AA ✓ Pass

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 077F00 Background



This preview shows how black text looks on a background with the Hex color 077F00.



This preview shows how white text looks on a background with the Hex color 077F00.

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
077F00

Protanopia
7A6D00

Deuteranopia
88671C



Tritanopia
367680

Trichromacy



Original Color
077F00



Protanomaly
507400



Deuteranomaly
597012



Tritanomaly
257951

Monochromacy



Original Color
077F00



Achromatopsia
4D4D4D



Achromatomaly
345F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 077F00 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 #077F00 looks like.

```
.text, #text, p{  
    color:#077F00  
}
```

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 #077F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077F00
}
```

Border

The CSS property to change the border of an element to Hex 077F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

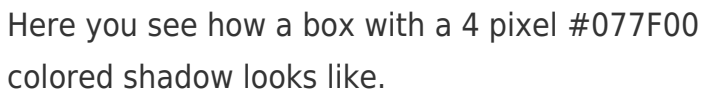
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#077F00 }
```

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

```
.border{ border-color:#077F00 }
```

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



Here you see how a box with a 4 pixel #077F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077F00; -webkit-box-shadow:4px 4px  
4px 4px #077F00; box-shadow:4px 4px 4px  
4px #077F00 }
```

Background

The CSS property to change the background color of an element to Hex 077F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077F00 }
```

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

```
.background{ background-color:#077F00 }
```

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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