

Converting Colors

Hex(007809)

Have a look what the booklet for
Hex(007809) contains.

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Color

Hex(007809)

Conversions

Conversions Part 1

Format	Color
Hex	007809
RGB	0, 120, 9
RGB Percent	0%, 47%, 4%
CMY	1.0000, 0.5294, 0.9647
CMYK	1.00, 0.00, 0.93, 0.53
HSL	125°, 100%, 24%
HSV	125°, 100%, 47%
XYZ	6.7658, 13.4527, 2.4985
YIQ	71.4660, -35.8890, -59.9610

Conversions

Conversions Part 2

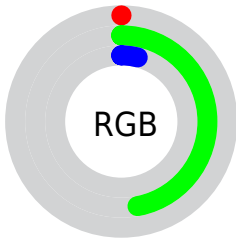
Format	Color
RYB	0, 112, 120
Decimal	30729
CIELab	43.44, -48.98, 45.65
CIELCh	43, 66.950, 137.017
Yxy	13.4527, 0.2978, 0.5922
Android (android.graphics.Color)	4278220809 (0xFF007809)
YUV	71.4660, -30.7957, -62.6757
Hunter-Lab	36.6779, -31.2593, 21.6357

Details

The Hex color **007809** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **78006F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4EAE42**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **007809**, and if you desaturate by 10%, it is **0C7814**.

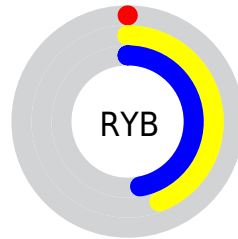
Distribution



Red (0%)

Green (47%)

Blue (4%)



Red (0%)

Yellow (44%)

Blue (47%)

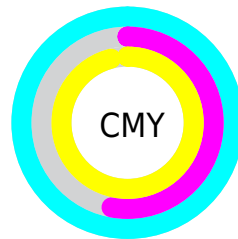


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007809 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 007809 by changing the saturation by 10% instead.

 007809

 007809

FFFFFF

 005E00

 4EAE42

 004600

 6BC95C

 002F00

 88E676

 001400

 A4FF91

 000000

 C1FFAC

 DEFFC8

 FCFE5

 007809

 0C7814

 18781F

 24782A

 307835

 3C7841

 48784C

 547857

 607862

 6C786D

Harmonies

Analogous

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



606E00



007809



007D4C

Triad

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



007809



0074D4



C61F4A

Complementary

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



007809



78006F

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.



BC2381



007809



0063D2

Square

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



007809



007CB7



8F46B3



B54012

Rectangle

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



007809



007E73



8F46B3



C6195C

Sweetspot

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



007809



6D9C70



707800



334F35



CFCFCF



4F4F4F

Same Dimension

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



007809



009C0C



007844



373D38



007D09



00FC13

Inverse Universe

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



78006F



9C0090



780034



3D373D



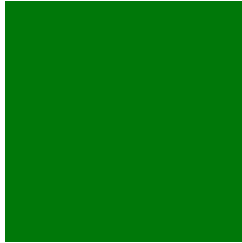
7D0074



FC00EA

Previews

White Background



This preview shows how the Hex color 007809 looks on a white background.

Color Contrast Check

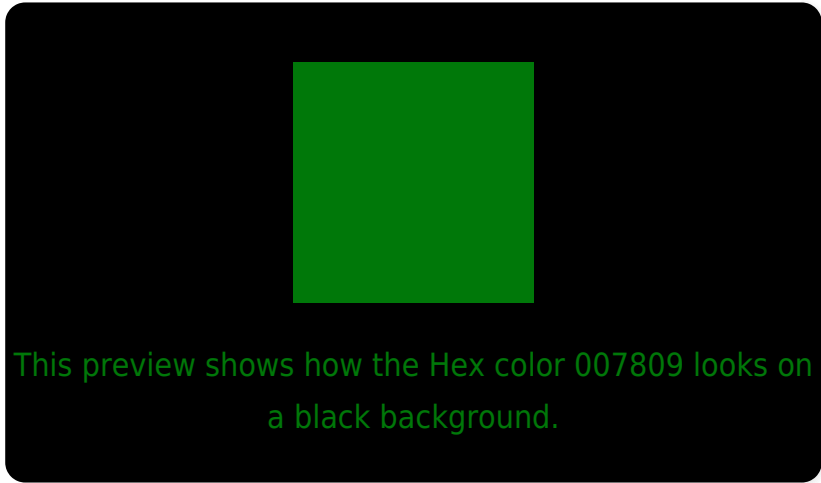
Large Text (above 18pt) WCAG AA ✓ Pass

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

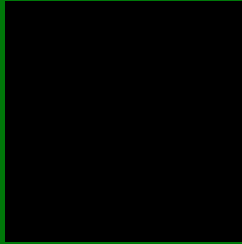
Any Text WCAG AA × Fail

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 007809 Background



This preview shows how black text looks on a background with the Hex color 007809.



This preview shows how white text looks on a background with the Hex color 007809.

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
007809

Protanopia
746700

Deuteranopia
81611B



Tritanopia
327079

Trichromacy



Original Color
007809



Protanomaly
4A6D03



Deuteranomaly
526914



Tritanomaly
207350

Monochromacy



Original Color
007809



Achromatopsia
474747



Achromatomaly
2D5930

CSS Examples

Text

The CSS property to change the color of the text to Hex 007809 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 #007809 looks like.

```
.text, #text, p{  
    color:#007809  
}
```

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 #007809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007809
}
```

Border

The CSS property to change the border of an element to Hex 007809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

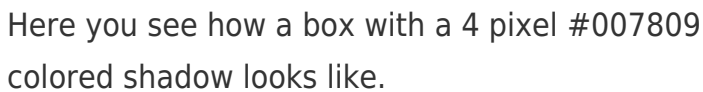
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007809 }
```

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

```
.border{ border-color:#007809 }
```

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



Here you see how a box with a 4 pixel #007809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007809; -webkit-box-shadow:4px 4px  
4px 4px #007809; box-shadow:4px 4px 4px  
4px #007809 }
```

Background

The CSS property to change the background color of an element to Hex 007809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007809 }
```

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

```
.background{ background-color:#007809 }
```

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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