

Converting Colors

Hex(097C00)

Have a look what the booklet for
Hex(097C00) contains.

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Color

Hex(097C00)

Conversions

Conversions Part 1

Format	Color
Hex	097C00
RGB	9, 124, 0
RGB Percent	4%, 49%, 0%
CMY	0.9647, 0.5137, 1.0000
CMYK	0.93, 0.00, 1.00, 0.51
HSL	116°, 100%, 24%
HSV	116°, 100%, 49%
XYZ	7.3203, 14.4734, 2.4078
YIQ	75.4790, -28.7360, -62.9440

Conversions

Conversions Part 2

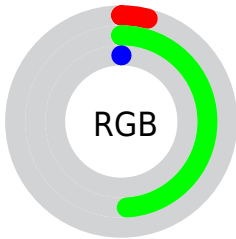
Format	Color
RYB	0, 124, 115
Decimal	621568
CIELab	44.90, -49.79, 48.87
CIELCh	45, 69.764, 135.532
Yxy	14.4734, 0.3025, 0.5980
Android (android.graphics.Color)	4278811648 (0xFF097C00)
YUV	75.4790, -37.2111, -58.3021
Hunter-Lab	38.0439, -32.2303, 22.8782

Details

The Hex color **097C00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73007C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **53B23F**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **097C00**, and if you desaturate by 10%, it is **147C0C**.

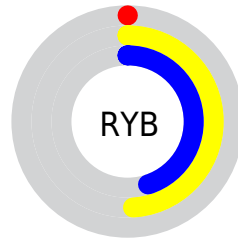
Distribution



Red (4%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (45%)

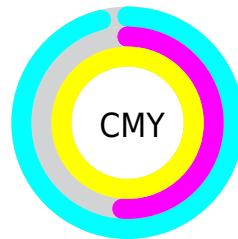


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (96%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 097C00 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 097C00 by changing the saturation by 10% instead.

 097C00

 097C00

FFFFFF

 006200

 53B23F

 004900

 70CE59

 003200

 8CEA73

 001A00

 A9FF8E

 000000

 C6FFA9

 E3FFC5

 FFFFE2

 097C00

 147C0C

 207C19

 2B7C25

 377C32

 427C3E

 4E7C4A

 5A7C57

 657C63

 717C70

Harmonies

Analogous

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



657100



097C00



00814B

Triad

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



097C00



0079DC



CE1B4F

Complementary

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



097C00



73007C

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.



C22389



097C00



0067DC

Square

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



097C00



0081BD



904ABD



BD3F15

Rectangle

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



097C00



008374



904ABD



CE1562

Sweetspot

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



097C00



74A170



7C7200



365234



D1D1D1



525252

Same Dimension

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



097C00



0CA100



007C34



383D37



097D00



12FC00

Inverse Universe

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



73007C



9500A1



7C0048



3D373D



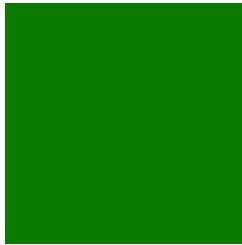
74007D



EA00FC

Previews

White Background



This preview shows how the Hex color 097C00 looks on a white background.

Color Contrast Check

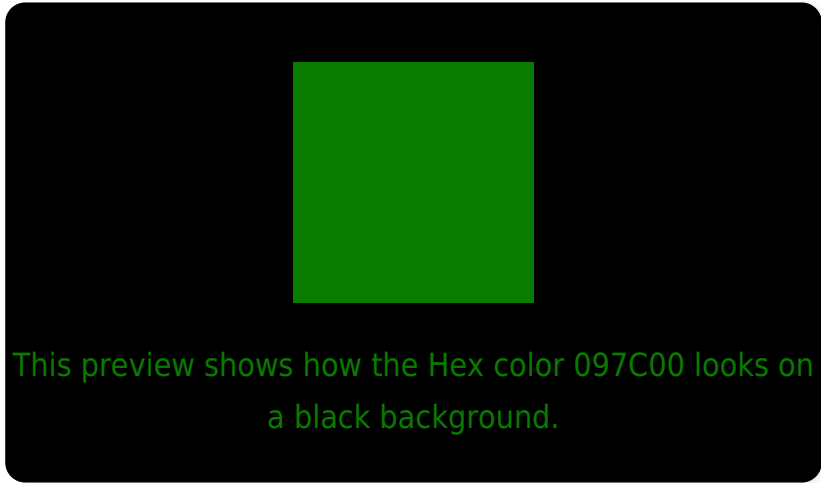
Large Text (above 18pt) WCAG AA ✓ Pass

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

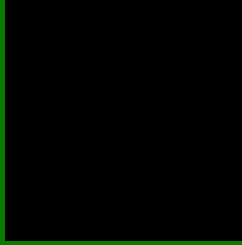
Any Text WCAG AA × Fail

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 097C00 Background



This preview shows how black text looks on a background with the Hex color 097C00.



This preview shows how white text looks on a background with the Hex color 097C00.

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
097C00

Protanopia
786A00

Deuteranopia
85651B



Tritanopia
35737D

Trichromacy



Original Color
097C00



Protanomaly
507100



Deuteranomaly
586D11



Tritanomaly
257650

Monochromacy



Original Color
097C00



Achromatopsia
4B4B4B



Achromatomaly
335D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 097C00 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 #097C00 looks like.

```
.text, #text, p{  
    color:#097C00  
}
```

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 #097C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097C00
}
```

Border

The CSS property to change the border of an element to Hex 097C00 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
#097C00 }
```

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

```
.border{ border-color:#097C00 }
```

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

Here you see how a box with a 4 pixel #097C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097C00; -webkit-box-shadow:4px 4px  
4px 4px #097C00; box-shadow:4px 4px 4px  
4px #097C00 }
```

Background

The CSS property to change the background color of an element to Hex 097C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097C00 }
```

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

```
.background{ background-color:#097C00 }
```

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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