

Converting Colors

Hex(096A00)

Have a look what the booklet for
Hex(096A00) contains.

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Color

Hex(096A00)

Conversions

Conversions Part 1

Format	Color
Hex	096A00
RGB	9, 106, 0
RGB Percent	4%, 42%, 0%
CMY	0.9647, 0.5843, 1.0000
CMYK	0.92, 0.00, 1.00, 0.58
HSL	115°, 100%, 21%
HSV	115°, 100%, 42%
XYZ	5.2667, 10.3661, 1.7233
YIQ	64.9130, -23.7860, -53.5300

Conversions

Conversions Part 2

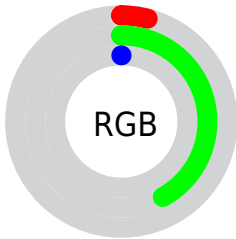
Format	Color
RYB	0, 106, 97
Decimal	616960
CIELab	38.49, -44.26, 43.74
CIELCh	38, 62.222, 135.339
Yxy	10.3661, 0.3034, 0.5973
Android (android.graphics.Color)	4278807040 (0xFF096A00)
YUV	64.9130, -32.0021, -49.0357
Hunter-Lab	32.1965, -27.1449, 19.3641

Details

The Hex color **096A00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **61006A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4D9E3A**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **096A00**, and if you desaturate by 10%, it is **136A0B**.

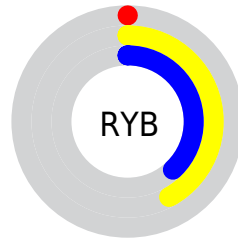
Distribution



Red (4%)

Green (42%)

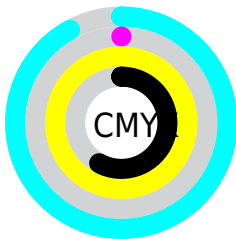
Blue (0%)



Red (0%)

Yellow (42%)

Blue (38%)

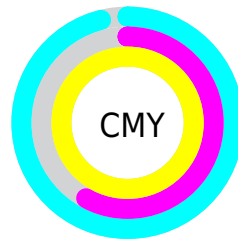


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (96%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 096A00 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 096A00 by changing the saturation by 10% instead.

 096A00

 096A00

 FFFFF7

 005100

 4D9E3A

 003900

 69BA53

 002400

 85D66D

 000000

 A1F288

 BDFFA3

 DAFFBE

 F8FFDB

 096A00

 136A0B

 1C6A15

 266A20

 306A2A

 3A6A35

 436A40

 4D6A4A

 576A55

 606A5F

Harmonies

Analogous

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



576000



096A00



006F3F

Triad

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



096A00



0068BD



B11643

Complementary

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



096A00



61006A

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.



A71D76



096A00



0058BD

Square

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



096A00



006FA2



7B3FA2



A33511

Rectangle

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



096A00



007063



7B3FA2



B11154

Sweetspot

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



096A00



648A60



6A5F00



2E452C



C4C4C4



454545

Same Dimension

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



096A00



0C8A00



006A2A



313630



0A7500



15F500

Inverse Universe

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



61006A



7E008A



6A0040



353036



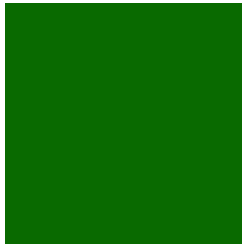
6B0075



E000F5

Previews

White Background



This preview shows how the Hex color 096A00 looks on a white background.

Color Contrast Check

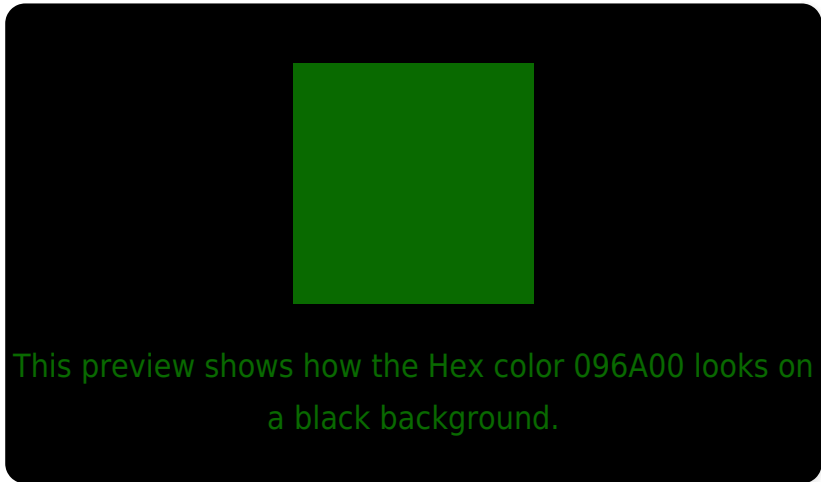
Large Text (above 18pt) WCAG AA ✓ Pass

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 096A00 Background



This preview shows how black text looks on a background with the Hex color 096A00.



This preview shows how white text looks on a background with the Hex color 096A00.

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
096A00

Protanopia
665B00

Deuteranopia
725617



Tritanopia
2D636B

Trichromacy



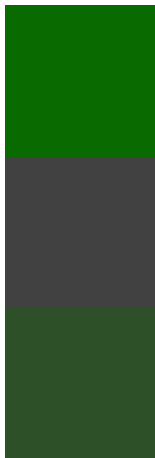
Original Color
096A00

Protanomaly
446000

Deuteranomaly
4C5D0F

Tritanomaly
206644

Monochromacy



Original Color
096A00

Achromatopsia
414141

Achromatomaly
2D5029

CSS Examples

Text

The CSS property to change the color of the text to Hex 096A00 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 #096A00 looks like.

```
.text, #text, p{  
    color:#096A00  
}
```

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 #096A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096A00
}
```

Border

The CSS property to change the border of an element to Hex 096A00 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".

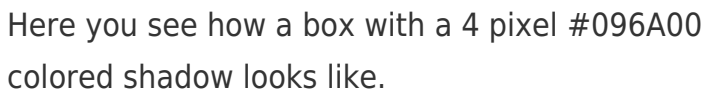
```
.border, #border, table{ border:4px solid
#096A00 }
```

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

```
.border{ border-color:#096A00 }
```

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

Here you see how a box with a 4 pixel #096A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096A00; -webkit-box-shadow:4px 4px  
4px 4px #096A00; box-shadow:4px 4px 4px  
4px #096A00 }
```

Background

The CSS property to change the background color of an element to Hex 096A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096A00 }
```

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

```
.background{ background-color:#096A00 }
```

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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