

Converting Colors

Hex(006A0A)

Have a look what the booklet for
Hex(006A0A) contains.

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Color

Hex(006A0A)

Conversions

Conversions Part 1

Format	Color
Hex	006A0A
RGB	0, 106, 10
RGB Percent	0%, 42%, 4%
CMY	1.0000, 0.5843, 0.9608
CMYK	1.00, 0.00, 0.91, 0.58
HSL	126°, 100%, 21%
HSV	126°, 100%, 42%
XYZ	5.2088, 10.3300, 2.0065
YIQ	63.3620, -32.3600, -52.3280

Conversions

Conversions Part 2

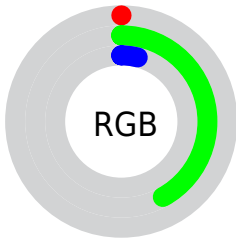
Format	Color
RYB	0, 97, 106
Decimal	27146
CIELab	38.43, -44.68, 41.01
CIELCh	38, 60.654, 137.452
Yxy	10.3300, 0.2969, 0.5888
Android (android.graphics.Color)	4278217226 (0xFF006A0A)
YUV	63.3620, -26.3075, -55.5685
Hunter-Lab	32.1403, -27.3169, 18.7967

Details

The Hex color **006A0A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0060**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4A9E40**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **006A0A**, and if you desaturate by 10%, it is **0B6A14**.

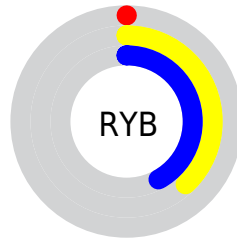
Distribution



Red (0%)

Green (42%)

Blue (4%)



Red (0%)

Yellow (38%)

Blue (42%)

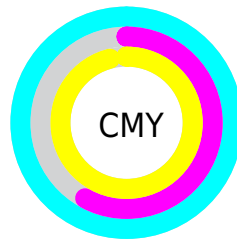


Cyan (100%)

Magenta (0%)

Yellow (91%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A0A 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 006A0A by changing the saturation by 10% instead.

 006A0A

 006A0A

FFFFFFD

 005100

 4A9E40

 003900

 65BA59

 002400

 81D673

 000000

 9DF38D

 BAFFA8

 D7FFC4

 F4FFE0

 006A0A

 0B6A14

 156A1D

 206A27

 2A6A30

 356A3A

 406A44

 4A6A4D

 556A57

 5F6A60

Harmonies

Analogous

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



546100



006A0A



006E43

Triad

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



006A0A



0066BB



AF1C40

Complementary

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



006A0A



6A0060

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.



A61F71



006A0A



0857B9

Square

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



006A0A



006EA3



7F3D9E



9F380F

Rectangle

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



006A0A



007066



7F3D9E



AF1750

Sweetspot

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



006A0A



608A64



616A00



2C452E



C4C4C4



454545

Same Dimension

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



006A0A



008A0D



006A3E



303631



00750B



00F517

Inverse Universe

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



6A0060



8A007D



6A002C



363035



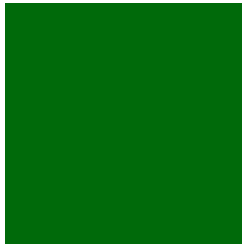
75006A



F500DE

Previews

White Background



This preview shows how the Hex color 006A0A looks on a white background.

Color Contrast Check

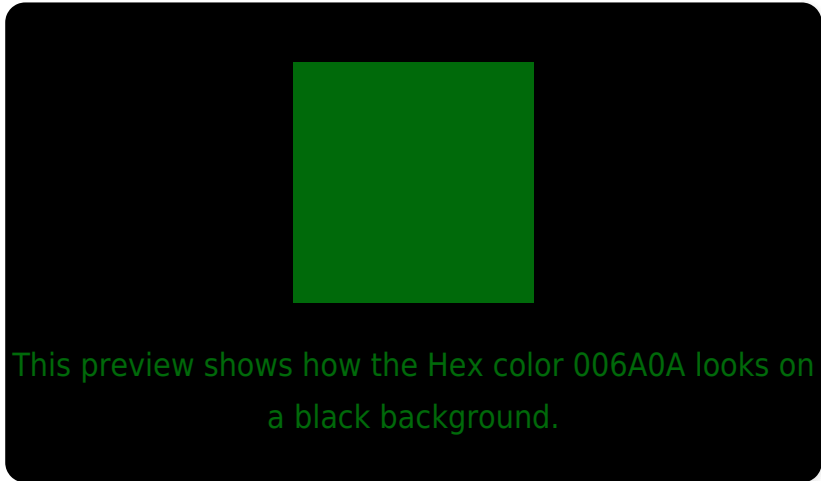
Large Text (above 18pt) WCAG AA ✓ Pass

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

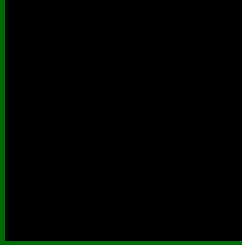
Any Text WCAG AA × Fail

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 006A0A Background



This preview shows how black text looks on a background with the Hex color 006A0A.



This preview shows how white text looks on a background with the Hex color 006A0A.

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
006A0A

Protanopia
665B00

Deuteranopia
725619



Tritanopia
2C636B

Trichromacy



Original Color
006A0A



Protanomaly
416004



Deuteranomaly
495D14



Tritanomaly
1C6648

Monochromacy



Original Color
006A0A



Achromatopsia
3F3F3F



Achromatomaly
284F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A0A 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 #006A0A looks like.

```
.text, #text, p{  
    color:#006A0A  
}
```

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 #006A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A0A
}
```

Border

The CSS property to change the border of an element to Hex 006A0A 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".

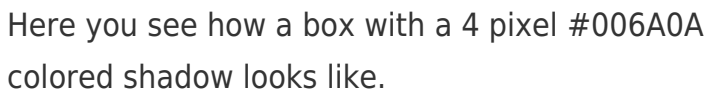
```
.border, #border, table{ border:4px solid
#006A0A }
```

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

```
.border{ border-color:#006A0A }
```

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

Here you see how a box with a 4 pixel #006A0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A0A; -webkit-box-shadow:4px 4px  
4px 4px #006A0A; box-shadow:4px 4px 4px  
4px #006A0A }
```

Background

The CSS property to change the background color of an element to Hex 006A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A0A }
```

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

```
.background{ background-color:#006A0A }
```

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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