

Converting Colors

Hex(006A1A)

Have a look what the booklet for
Hex(006A1A) contains.

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Color

Hex(006A1A)

Conversions

Conversions Part 1

Format	Color
Hex	006A1A
RGB	0, 106, 26
RGB Percent	0%, 42%, 10%
CMY	1.0000, 0.5843, 0.8980
CMYK	1.00, 0.00, 0.75, 0.58
HSL	135°, 100%, 21%
HSV	135°, 100%, 42%
XYZ	5.3405, 10.3826, 2.6999
YIQ	65.1860, -37.4960, -47.3520

Conversions

Conversions Part 2

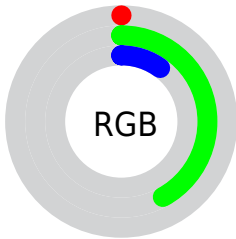
Format	Color
RYB	0, 85, 106
Decimal	27162
CIELab	38.52, -43.50, 35.68
CIELCh	39, 56.258, 140.638
Yxy	10.3826, 0.2899, 0.5636
Android (android.graphics.Color)	4278217242 (0xFF006A1A)
YUV	65.1860, -19.3187, -57.1681
Hunter-Lab	32.2221, -26.8042, 17.5876

Details

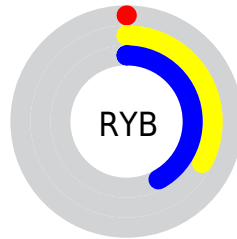
The Hex color **006A1A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0050**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **499E4B**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **006A1A**, and if you desaturate by 10%, it is **0B6A22**.

Distribution



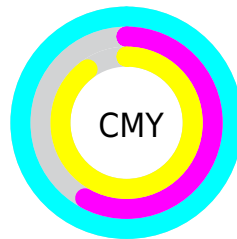
- Red (0%)
- Green (42%)
- Blue (10%)



- Red (0%)
- Yellow (33%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Hex color 006A1A 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 006A1A by changing the saturation by 10% instead.

 006A1A

 006A1A

FFFFFF

 005100

 499E4B

 003900

 64BA64

 002400

 80D67D

 000000

 9CF398

 B8FFB3

 D5FFCF

 F2FFE8

 006A1A

 0B6A22

 156A2A

 206A32

 2A6A3A

 356A42

 406A4A

 4A6A52

 556A5A

 5F6A62

Harmonies

Analogous

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



506200



006A1A



006E4A

Triad

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



006A1A



0064B5



A9293E

Complementary

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



006A1A



6A0050

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.



A4276B



006A1A



3455B1

Square

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



006A1A



006CA1



823E95



993F11

Rectangle

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



006A1A



006F6A



823E95



AA244D

Sweetspot

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



006A1A



608A6B



516A00



2C4532



C4C4C4



454545

Same Dimension

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



006A1A



008A22



006A4E



303632



00751D



00F53C

Inverse Universe

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



6A0050



8A0068



6A001C



363034



750059



F500B9

Previews

White Background



This preview shows how the Hex color 006A1A looks on a white background.

Color Contrast Check

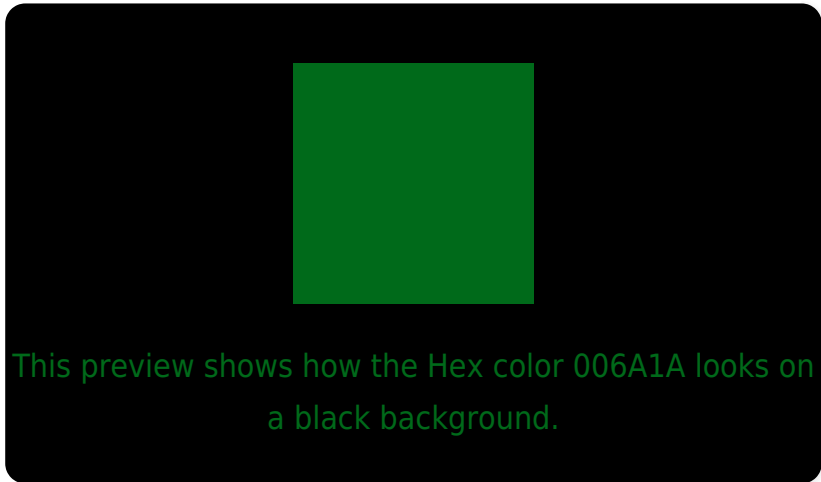
Large Text (above 18pt) WCAG AA ✓ Pass

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

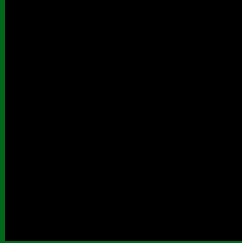
Any Text WCAG AA × Fail

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 006A1A Background



This preview shows how black text looks on a background with the Hex color 006A1A.



This preview shows how white text looks on a background with the Hex color 006A1A.

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
006A1A

Protanopia
665B16

Deuteranopia
715622



Tritanopia
2C636B

Trichromacy



Original Color
006A1A



Protanomaly
416017



Deuteranomaly
485D1F



Tritanomaly
1C664E

Monochromacy



Original Color
006A1A



Achromatopsia
414141



Achromatomaly
295033

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A1A 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 #006A1A looks like.

```
.text, #text, p{  
    color:#006A1A  
}
```

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 #006A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A1A
}
```

Border

The CSS property to change the border of an element to Hex 006A1A 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
#006A1A }
```

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

```
.border{ border-color:#006A1A }
```

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

Here you see how a box with a 4 pixel #006A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A1A; -webkit-box-shadow:4px 4px  
4px 4px #006A1A; box-shadow:4px 4px 4px  
4px #006A1A }
```

Background

The CSS property to change the background color of an element to Hex 006A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A1A }
```

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

```
.background{ background-color:#006A1A }
```

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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