

Converting Colors

Hex(006A12)

Have a look what the booklet for
Hex(006A12) contains.

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Color

Hex(006A12)

Conversions

Conversions Part 1

Format	Color
Hex	006A12
RGB	0, 106, 18
RGB Percent	0%, 42%, 7%
CMY	1.0000, 0.5843, 0.9294
CMYK	1.00, 0.00, 0.83, 0.58
HSL	130°, 100%, 21%
HSV	130°, 100%, 42%
XYZ	5.2632, 10.3517, 2.2930
YIQ	64.2740, -34.9280, -49.8400

Conversions

Conversions Part 2

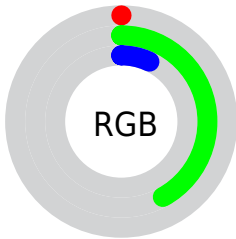
Format	Color
RYB	0, 91, 106
Decimal	27154
CIELab	38.47, -44.19, 38.68
CIELCh	38, 58.726, 138.806
Yxy	10.3517, 0.2939, 0.5781
Android (android.graphics.Color)	4278217234 (0xFF006A12)
YUV	64.2740, -22.8131, -56.3683
Hunter-Lab	32.1741, -27.1047, 18.2965

Details

The Hex color **006A12** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0058**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **499E45**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **006A12**, and if you desaturate by 10%, it is **0B6A1B**.

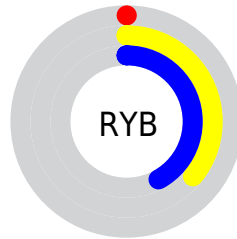
Distribution



Red (0%)

Green (42%)

Blue (7%)



Red (0%)

Yellow (36%)

Blue (42%)

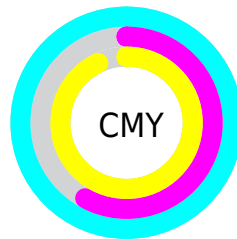


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A12 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 006A12 by changing the saturation by 10% instead.

 006A12

 006A12

FFFFFF

 005100

 499E45

 003900

 65BA5E

 002400

 81D677

 000000

 9DF392

 B9FFAD

 D6FFC9

 F3FFE5

 006A12

■ 0B6A1B

■ 156A24

■ 206A2C

■ 2A6A35

■ 356A3E

■ 406A47

■ 4A6A50

■ 556A58

■ 5F6A61

Harmonies

Analogous

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



526100



006A12



006E46

Triad

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



006A12



0066B9



AD223F

Complementary

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



006A12



6A0058

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.



A5236F



006A12



2356B6

Square

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



006A12



006DA2



803D9A



9D3B10

Rectangle

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



006A12



006F68



803D9A



AD1E4F

Sweetspot

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



006A12



608A67



586A00



2C4530



C4C4C4



454545

Same Dimension

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



006A12



008A17



006A47



303631



007514



00F52A

Inverse Universe

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



6A0058



8A0072



6A0023



363035



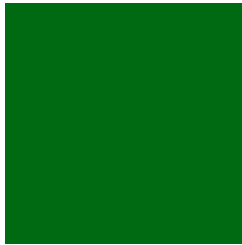
750061



F500CB

Previews

White Background



This preview shows how the Hex color 006A12 looks on a white background.

Color Contrast Check

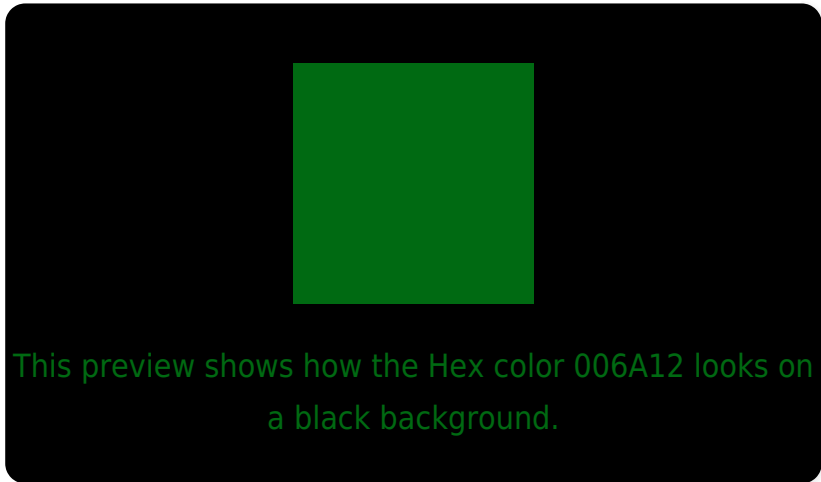
Large Text (above 18pt) WCAG AA ✓ Pass

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 006A12 Background



This preview shows how black text looks on a background with the Hex color 006A12.



This preview shows how white text looks on a background with the Hex color 006A12.

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
006A12

Protanopia
665B0E

Deuteranopia
71561D



Tritanopia
2C636B

Trichromacy



Original Color

006A12



Protanomaly

41600F



Deuteranomaly

485D19



Tritanomaly

1C664B

Monochromacy



Original Color

006A12



Achromatopsia

404040



Achromatomaly

294F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A12 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 #006A12 looks like.

```
.text, #text, p{  
    color:#006A12  
}
```

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 #006A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A12
}
```

Border

The CSS property to change the border of an element to Hex 006A12 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".

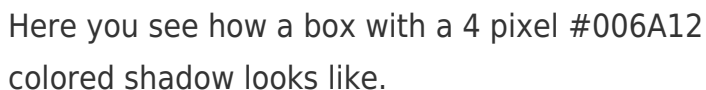
```
.border, #border, table{ border:4px solid
#006A12 }
```

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

```
.border{ border-color:#006A12 }
```

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

Here you see how a box with a 4 pixel #006A12 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A12; -webkit-box-shadow:4px 4px  
4px 4px #006A12; box-shadow:4px 4px 4px  
4px #006A12 }
```

Background

The CSS property to change the background color of an element to Hex 006A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A12 }
```

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

```
.background{ background-color:#006A12 }
```

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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