

Converting Colors

Hex(006A13)

Have a look what the booklet for
Hex(006A13) contains.

Hex(006A13)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006A13)

Conversions

Conversions Part 1

Format	Color
Hex	006A13
RGB	0, 106, 19
RGB Percent	0%, 42%, 7%
CMY	1.0000, 0.5843, 0.9255
CMYK	1.00, 0.00, 0.82, 0.58
HSL	131°, 100%, 21%
HSV	131°, 100%, 42%
XYZ	5.2716, 10.3551, 2.3370
YIQ	64.3880, -35.2490, -49.5290

Conversions

Conversions Part 2

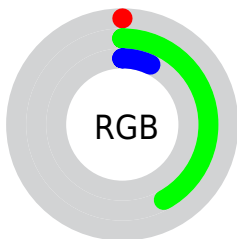
Format	Color
RYB	0, 90, 106
Decimal	27155
CIELab	38.47, -44.11, 38.34
CIELCh	38, 58.445, 139.009
Yxy	10.3551, 0.2935, 0.5764
Android (android.graphics.Color)	4278217235 (0xFF006A13)
YUV	64.3880, -22.3763, -56.4683
Hunter-Lab	32.1793, -27.0722, 18.2197

Details

The Hex color **006A13** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0057**, 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 **006A13**, and if you desaturate by 10%, it is **0B6A1C**.

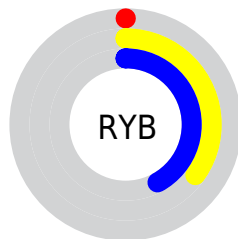
Distribution



Red (0%)

Green (42%)

Blue (7%)



Red (0%)

Yellow (35%)

Blue (42%)

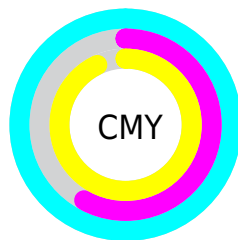


Cyan (100%)

Magenta (0%)

Yellow (82%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A13 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 006A13 by changing the saturation by 10% instead.

 006A13

 006A13

FFFFFF

 005100

 499E45

 003900

 65BA5E

 002400

 81D678

 000000

 9DF392

 B9FFAE

 D6FFC9

 F3FFE6

 006A13

 0B6A1C

 156A24

 206A2D

 2A6A36

 356A3F

 406A47

 4A6A50

 556A59

 5F6A61

Harmonies

Analogous

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



526100



006A13



006E47

Triad

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



006A13



0065B8



AC233F

Complementary

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



006A13



6A0057

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.



A5236E



006A13



2556B5

Square

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



006A13



006DA2



813E9A



9C3C10

Rectangle

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



006A13



006F68



813E9A



AD1E4E

Sweetspot

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



006A13



608A68



586A00



2C4531



C4C4C4



454545

Same Dimension

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



006A13



008A19



006A47



303631



007515



00F52C

Inverse Universe

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



6A0057



8A0071



6A0023



363035



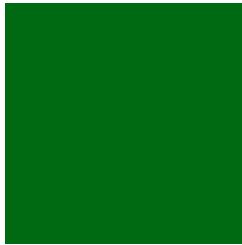
750060



F500C9

Previews

White Background



This preview shows how the Hex color 006A13 looks on a white background.

Color Contrast Check

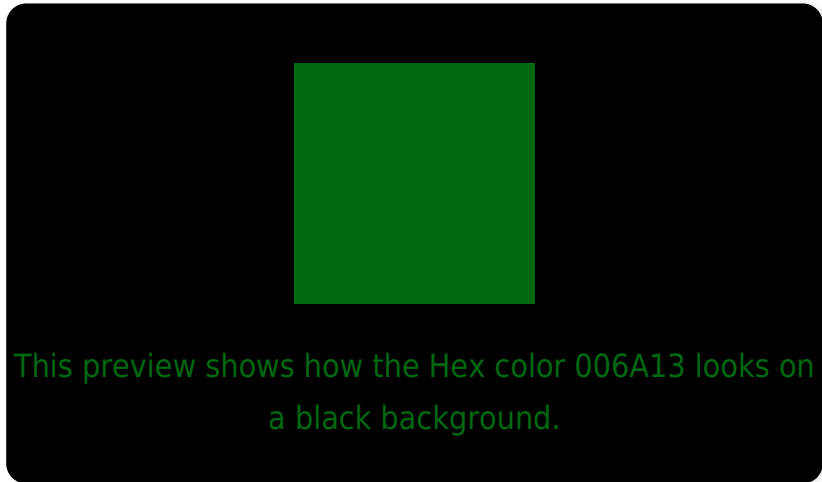
Large Text (above 18pt) WCAG AA ✓ Pass

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 006A13 Background



This preview shows how black text looks on a background with the Hex color 006A13.



This preview shows how white text looks on a background with the Hex color 006A13.

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
006A13

Protanopia
665B0F

Deuteranopia
71561D



Tritanopia
2C636B

Trichromacy



Original Color
006A13



Protanomaly
416010



Deuteranomaly
485D19

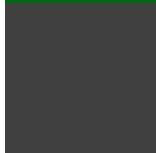


Tritanomaly
1C664B

Monochromacy



Original Color
006A13



Achromatopsia
404040



Achromatomaly
294F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A13 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 #006A13 looks like.

```
.text, #text, p{  
    color:#006A13  
}
```

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 #006A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A13
}
```

Border

The CSS property to change the border of an element to Hex 006A13 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".

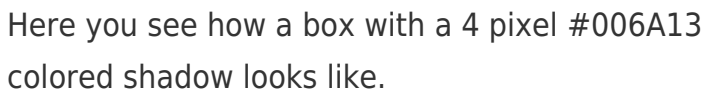
```
.border, #border, table{ border:4px solid
#006A13 }
```

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

```
.border{ border-color:#006A13 }
```

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

Here you see how a box with a 4 pixel #006A13 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 green line that follows the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A13; -webkit-box-shadow:4px 4px  
4px 4px #006A13; box-shadow:4px 4px 4px  
4px #006A13 }
```

Background

The CSS property to change the background color of an element to Hex 006A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A13 }
```

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

```
.background{ background-color:#006A13 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor