

Converting Colors

Hex(106700)

Have a look what the booklet for
Hex(106700) contains.

Hex(106700)	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(106700)

Conversions

Conversions Part 1

Format	Color
Hex	106700
RGB	16, 103, 0
RGB Percent	6%, 40%, 0%
CMY	0.9373, 0.5961, 1.0000
CMYK	0.84, 0.00, 1.00, 0.60
HSL	111°, 100%, 20%
HSV	111°, 100%, 40%
XYZ	5.0639, 9.8107, 1.6267
YIQ	65.2450, -18.7890, -50.4770

Conversions

Conversions Part 2

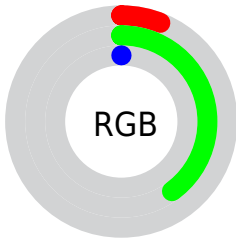
Format	Color
RYB	0, 103, 87
Decimal	1074944
CIELab	37.50, -42.46, 42.98
CIELCh	38, 60.421, 134.651
Yxy	9.8107, 0.3069, 0.5945
Android (android.graphics.Color)	4279265024 (0xFF106700)
YUV	65.2450, -32.1658, -43.1879
Hunter-Lab	31.3220, -25.9547, 18.8461

Details

The Hex color **106700** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570067**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4F9B39**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **106700**, and if you desaturate by 10%, it is **19670A**.

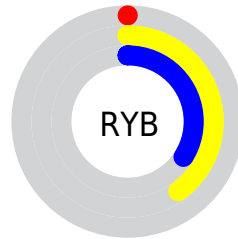
Distribution



Red (6%)

Green (40%)

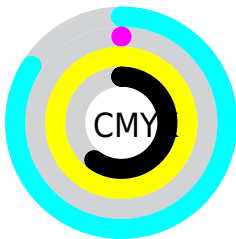
Blue (0%)



Red (0%)

Yellow (40%)

Blue (34%)

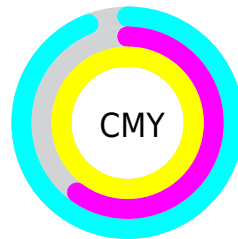


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (94%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106700 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 106700 by changing the saturation by 10% instead.

 106700

 106700

 FFFFF6

 004E00

 4F9B39

 003600

 6AB653

 002100

 86D26C

 000000

 A2EF87


 BEFFA2

 DBFFBD

 F8FFD9

 106700

 19670A

 216715

 2A671F

 336729

 3C6734

 44673E

 4D6748

 566752

 5E675D

Harmonies

Analogous

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



565D00



106700



006C3D

Triad

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



106700



0065B7



AC1743

Complementary

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



106700



570067

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.



A11F73



106700



0056B8

Square

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



106700



006C9C



773E9F



9F3413

Rectangle

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



106700



006D5F



773E9F



AC1353

Sweetspot

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



106700



65875F



675600



30452C



C4C4C4



454545

Same Dimension

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



106700



158700



006722



2F332E



127300



26F200

Inverse Universe

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



570067



720087



670045



322E33



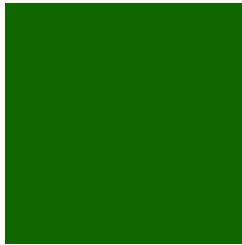
610073



CD00F2

Previews

White Background



This preview shows how the Hex color 106700 looks on a white background.

Color Contrast Check

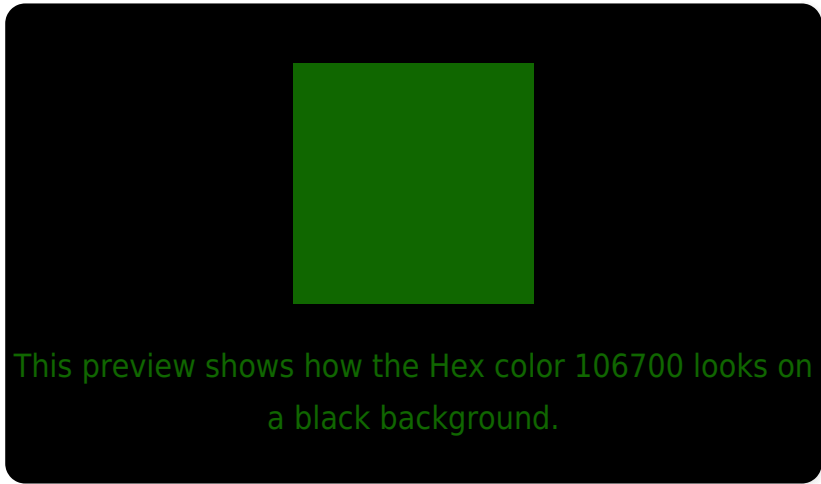
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

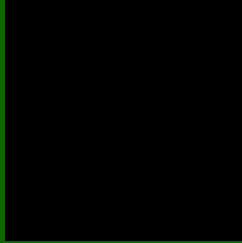
Any Text WCAG AA × Fail

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 106700 Background



This preview shows how black text looks on a background with the Hex color 106700.



This preview shows how white text looks on a background with the Hex color 106700.

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

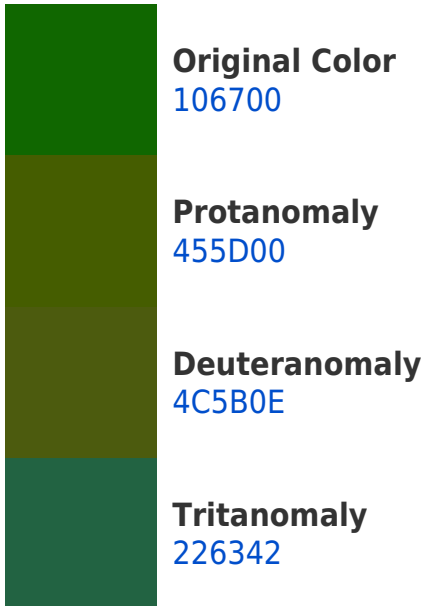


Original Color
106700

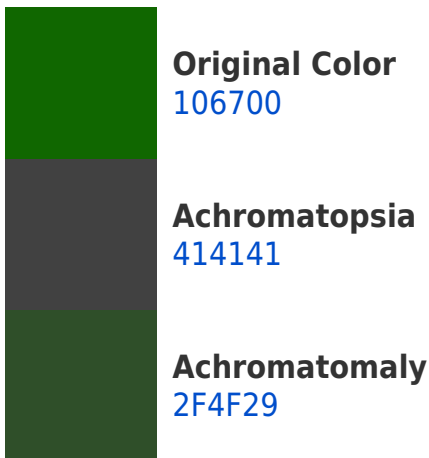
Protanopia
635800

Deuteranopia
6F5416

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 106700 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 #106700 looks like.

```
.text, #text, p{  
    color:#106700  
}
```

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 #106700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106700
}
```

Border

The CSS property to change the border of an element to Hex 106700 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".

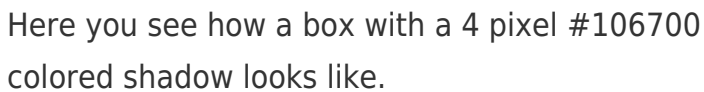
```
.border, #border, table{ border:4px solid
#106700 }
```

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

```
.border{ border-color:#106700 }
```

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

Here you see how a box with a 4 pixel #106700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106700; -webkit-box-shadow:4px 4px  
4px 4px #106700; box-shadow:4px 4px 4px  
4px #106700 }
```

Background

The CSS property to change the background color of an element to Hex 106700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106700 }
```

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

```
.background{ background-color:#106700 }
```

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