

Converting Colors

Hex(126D00)

Have a look what the booklet for
Hex(126D00) contains.

Hex(126D00)	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(126D00)

Conversions

Conversions Part 1

Format	Color
Hex	126D00
RGB	18, 109, 0
RGB Percent	7%, 43%, 0%
CMY	0.9294, 0.5725, 1.0000
CMYK	0.83, 0.00, 1.00, 0.57
HSL	110°, 100%, 21%
HSV	110°, 100%, 43%
XYZ	5.7181, 11.0659, 1.8346
YIQ	69.3650, -19.2470, -53.1910

Conversions

Conversions Part 2

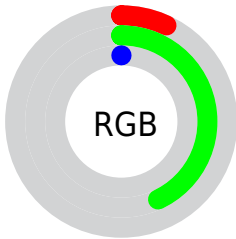
Format	Color
RYB	0, 109, 91
Decimal	1207552
CIELab	39.69, -44.13, 44.75
CIELCh	40, 62.847, 134.603
Yxy	11.0659, 0.3071, 0.5943
Android (android.graphics.Color)	4279397632 (0xFF126D00)
YUV	69.3650, -34.1969, -45.0471
Hunter-Lab	33.2654, -27.5316, 20.0160

Details

The Hex color **126D00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B006D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **52A23B**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **126D00**, and if you desaturate by 10%, it is **1B6D0B**.

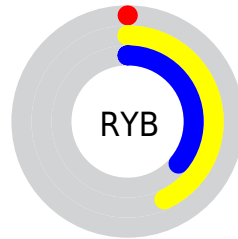
Distribution



Red (7%)

Green (43%)

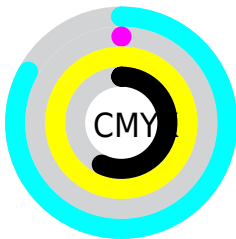
Blue (0%)



Red (0%)

Yellow (43%)

Blue (36%)

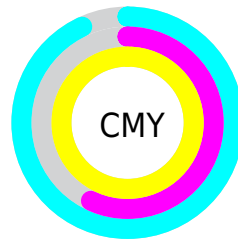


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (93%)

Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 126D00 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 126D00 by changing the saturation by 10% instead.

 126D00

 126D00

 FFFFF9

 005400

 52A23B

 003C00

 6DBD54

 002700

 89D96E

 000000

 A5F689

 C2FFA4

 DFFFC0

 FCFFDC

 126D00

 1B6D0B

 246D16

 2D6D21

 366D2C

 406D37

 496D41

 526D4C

 5B6D57

 646D62

Harmonies

Analogous

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



5B6300



126D00



007240

Triad

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



126D00



006BC1



B61947

Complementary

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



126D00



5B006D

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.



AA217A



126D00



005CC2

Square

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



126D00



0072A5



7D42A7



A83715

Rectangle

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



126D00



007364



7D42A7



B51558

Sweetspot

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



126D00



6B8F64



6D5B00



32472E



C7C7C7



474747

Same Dimension

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



126D00



188F00



006D24



313630



137500



28F500

Inverse Universe

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



5B006D



77008F



6D0049



353036



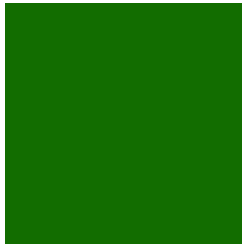
620075



CC00F5

Previews

White Background



This preview shows how the Hex color 126D00 looks on a white background.

Color Contrast Check

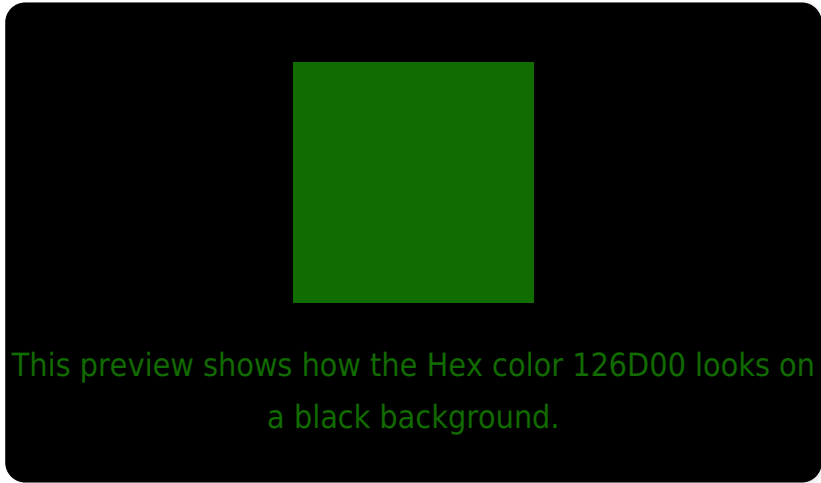
Large Text (above 18pt) WCAG AA ✓ Pass

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

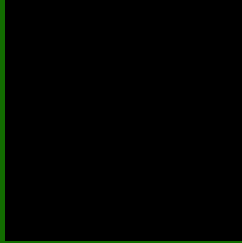
Any Text WCAG AA × Fail

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 126D00 Background



This preview shows how black text looks on a background with the Hex color 126D00.



This preview shows how white text looks on a background with the Hex color 126D00.

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
126D00

Protanopia
695E00

Deuteranopia
755918



Tritanopia
30656E

Trichromacy



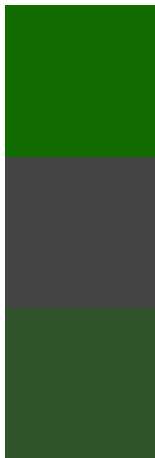
Original Color
126D00

Protanomaly
496300

Deuteranomaly
51600F

Tritanomaly
256846

Monochromacy



Original Color
126D00

Achromatopsia
454545

Achromatomaly
32542C

CSS Examples

Text

The CSS property to change the color of the text to Hex 126D00 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 #126D00 looks like.

```
.text, #text, p{  
    color:#126D00  
}
```

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 #126D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126D00
}
```

Border

The CSS property to change the border of an element to Hex 126D00 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
#126D00 }
```

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

```
.border{ border-color:#126D00 }
```

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

Here you see how a box with a 4 pixel #126D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126D00; -webkit-box-shadow:4px 4px  
4px 4px #126D00; box-shadow:4px 4px 4px  
4px #126D00 }
```

Background

The CSS property to change the background color of an element to Hex 126D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126D00 }
```

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

```
.background{ background-color:#126D00 }
```

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