

# Converting Colors

Hex(126500)

Have a look what the booklet for  
Hex(126500) contains.

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# Color

**Hex(126500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	126500
RGB	18, 101, 0
RGB Percent	7%, 40%, 0%
CMY	0.9294, 0.6039, 1.0000
CMYK	0.82, 0.00, 1.00, 0.60
HSL	109°, 100%, 20%
HSV	109°, 100%, 40%
XYZ	4.9031, 9.4360, 1.5629
YIQ	64.6690, -17.0470, -49.0070

# Conversions

## Conversions Part 2

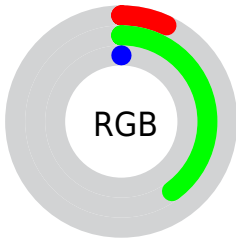
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 83
Decimal	1205504
CIELab	36.81, -41.50, 42.45
CIELCh	37, 59.364, 134.355
Yxy	9.4360, 0.3083, 0.5934
Android (android.graphics.Color)	4279395584 (0xFF126500)
YUV	64.6690, -31.8818, -40.9287
Hunter-Lab	30.7180, -25.2648, 18.4860

# Details

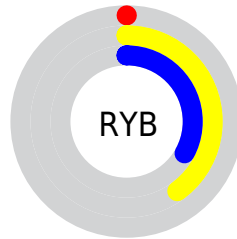
The Hex color **126500** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **530065**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4F9939**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **126500**, and if you desaturate by 10%, it is **1A650A**.

# Distribution



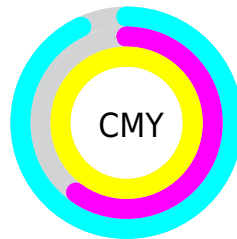
- Red (7%)
- Green (40%)
- Blue (0%)



- Red (0%)
- Yellow (40%)
- Blue (33%)



- Cyan (82%)
- Magenta (0%)
- Yellow (100%)
- Black (60%)



- Cyan (93%)
- Magenta (60%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 126500 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 126500 by changing the saturation by 10% instead.



 126500

 126500

 FFFFF5

 004C00

 4F9939

 003500

 6BB452

 002000

 86D06C

 000000

 A2EC86

 BEFFA1

 DBFFBC

 F8FFD9

 126500

 1A650A

 236514

 2B651E

 336528

 3C6533

 44653D

 4C6547

 546551

 5D655B

# Harmonies

## Analogous

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



555C00



126500



006A3B

# Triad

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



126500



0063B3



A91742

# Complementary

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



126500



530065

# 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.



9E1F72



126500



0055B4

# Square

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



126500



006A99



743D9C



9C3313

# Rectangle

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



126500



006B5D



743D9C



A81452



# Sweetspot

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



126500



62825B



655200



2F422A



C2C2C2



424242



# Same Dimension

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



126500



178200



006520



2F332E



147300



2BF200



# Inverse Universe

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



530065



6B0082



650045



322E33



5E0073

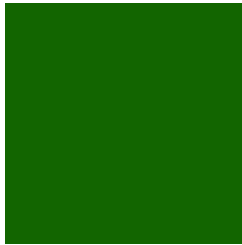


C700F2



# Previews

## White Background



This preview shows how the Hex color 126500 looks on a white background.

## Color Contrast Check

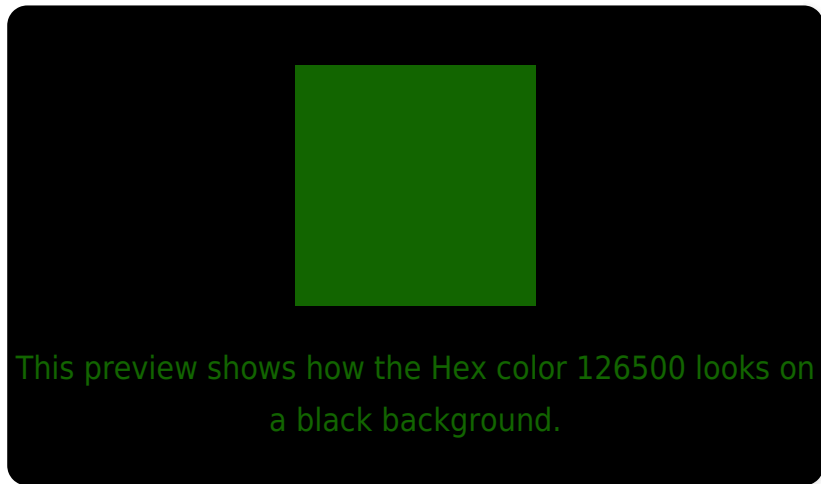
Large Text (above 18pt) WCAG AA ✓ Pass

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

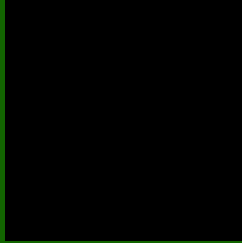
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 126500 Background



This preview shows how black text looks on a background with the Hex color 126500.



This preview shows how white text looks on a background with the Hex color 126500.

# 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**  
126500

**Protanopia**  
625700

**Deuteranopia**  
6D5216



**Tritanopia**  
2D5E65

# Trichromacy



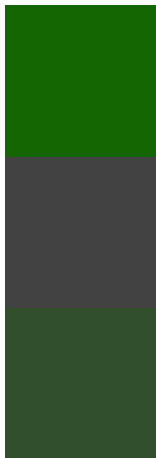
**Original Color**  
126500

**Protanomaly**  
455C00

**Deuteranomaly**  
4C590E

**Tritanomaly**  
236140

# Monochromacy



**Original Color**  
126500

**Achromatopsia**  
414141

**Achromatomaly**  
304E29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 126500 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 #126500 looks like.

```
.text, #text, p{  
    color:#126500  
}
```

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 #126500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126500
}
```

## Border

The CSS property to change the border of an element to Hex 126500 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
#126500 }
```

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

```
.border{ border-color:#126500 }
```

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

Here you see how a box with a 4 pixel #126500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126500; -webkit-box-shadow:4px 4px  
4px 4px #126500; box-shadow:4px 4px 4px  
4px #126500 }
```

# Background

The CSS property to change the background color of an element to Hex 126500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126500 }
```

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

```
.background{ background-color:#126500 }
```

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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