

Converting Colors

Hex(126802)

Have a look what the booklet for
Hex(126802) contains.

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Color

Hex(126802)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 126802 |
| RGB | 18, 104, 2 |
| RGB Percent | 7%, 41%, 1% |
| CMY | 0.9294, 0.5922, 0.9922 |
| CMYK | 0.83, 0.00, 0.98, 0.59 |
| HSL | 111°, 96%, 21% |
| HSV | 111°, 98%, 41% |
| XYZ | 5.2107, 10.0336, 1.7195 |
| YIQ | 66.6580, -18.5140, -49.9540 |

Conversions

Conversions Part 2

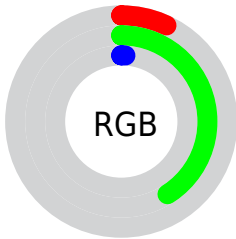
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 2, 104, 88 |
| Decimal | 1206274 |
| CIE Lab | 37.90, -42.40, 42.76 |
| CIE LCh | 38, 60.214, 134.756 |
| Yxy | 10.0336, 0.3072, 0.5915 |
| Android (android.graphics.Color) | 4279396354 (0xFF126802) |
| YUV | 66.6580, -31.8764, -42.6731 |
| Hunter-Lab | 31.6759, -26.0693, 18.9546 |

Details

The Hex color **126802** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **580268**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **509C3B**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **106800**, and if you desaturate by 10%, it is **1B680C**.

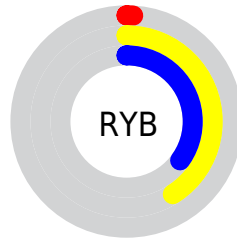
Distribution



Red (7%)

Green (41%)

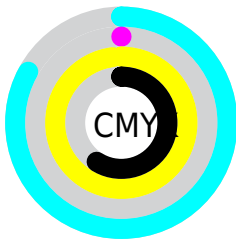
Blue (1%)



Red (1%)

Yellow (41%)

Blue (35%)

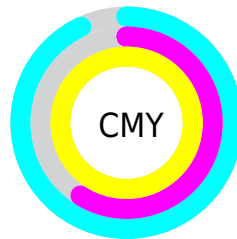


Cyan (83%)

Magenta (0%)

Yellow (98%)

Black (59%)



Cyan (93%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 126802 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 126802 by changing the saturation by 10% instead.

 126802

 126802

 FFFFF8

 004F00

 509C3B

 003700

 6BB754

 002300

 87D36E

 000000

 A3F088

 BFFFA3

 DCFFBF

 FAFFDB

 126802

 126802

■ 106800

■ 1B680C

■ 246817

■ 2C6821

■ 35682C

■ 3E6836

■ 476840

■ 4F684B

■ 586855

■ 616860

Harmonies

Analogous

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



575E00



126802



006D3E

Triad

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



126802



0066B8



AD1A44

Complementary

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



126802



580268

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.



A22174



126802



0057B9

Square

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



126802



006D9D



783F9F



A03514

Rectangle

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



126802



006E60



783F9F



AD1654

Sweetspot

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



126802



668760



685702



31452D



C4C4C4



454545

Same Dimension

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



126802



158700



026824



2F332E



127300



26F200

Inverse Universe

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



580268



720087



680246



322E33



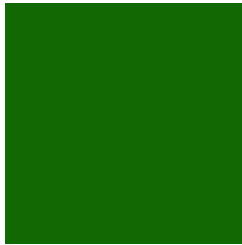
610073



CC00F2

Previews

White Background



This preview shows how the Hex color 126802 looks on a white background.

Color Contrast Check

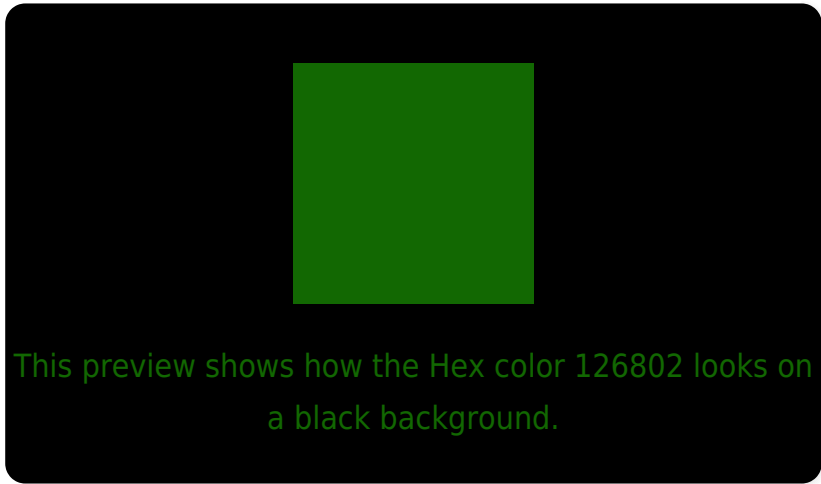
Large Text (above 18pt) WCAG AA ✓ Pass

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

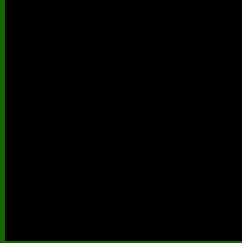
Any Text WCAG AA × Fail

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 126802 Background



This preview shows how black text looks on a background with the Hex color 126802.



This preview shows how white text looks on a background with the Hex color 126802.

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
126802

Protanopia
645900

Deuteranopia
705516



Tritanopia
2E6168

Trichromacy



Original Color

126802



Protanomaly

465E01



Deuteranomaly

4E5C0F



Tritanomaly

246443

Monochromacy



Original Color

126802



Achromatopsia

434343



Achromatomaly

31502B

CSS Examples

Text

The CSS property to change the color of the text to Hex 126802 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 #126802 looks like.

```
.text, #text, p{  
    color:#126802  
}
```

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 #126802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126802
}
```

Border

The CSS property to change the border of an element to Hex 126802 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".

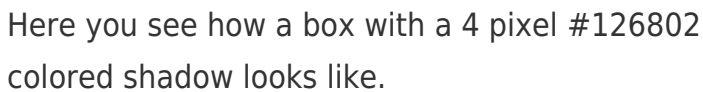
```
.border, #border, table{ border:4px solid
#126802 }
```

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

```
.border{ border-color:#126802 }
```

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

Here you see how a box with a 4 pixel #126802 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126802; -webkit-box-shadow:4px 4px  
4px 4px #126802; box-shadow:4px 4px 4px  
4px #126802 }
```

Background

The CSS property to change the background color of an element to Hex 126802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126802 }
```

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

```
.background{ background-color:#126802 }
```

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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