

Converting Colors

Hex(124D00)

Have a look what the booklet for
Hex(124D00) contains.

Hex(124D00)	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(124D00)

Conversions

Conversions Part 1

Format	Color
Hex	124D00
RGB	18, 77, 0
RGB Percent	7%, 30%, 0%
CMY	0.9294, 0.6980, 1.0000
CMYK	0.77, 0.00, 1.00, 0.70
HSL	106°, 100%, 15%
HSV	106°, 100%, 30%
XYZ	2.9033, 5.4364, 0.8963
YIQ	50.5810, -10.4470, -36.4550

Conversions

Conversions Part 2

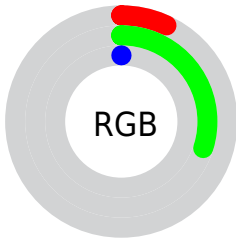
Format	Color
RYB	0, 77, 59
Decimal	1199360
CIELab	27.94, -33.11, 35.36
CIELCh	28, 48.442, 133.121
Yxy	5.4364, 0.3143, 0.5886
Android (android.graphics.Color)	4279389440 (0xFF124D00)
YUV	50.5810, -24.9364, -28.5735
Hunter-Lab	23.3160, -18.5760, 14.0420

Details

The Hex color **124D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B004D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **487F32**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **124D00**, and if you desaturate by 10%, it is **184D08**.

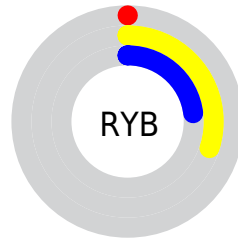
Distribution



Red (7%)

Green (30%)

Blue (0%)



Red (0%)

Yellow (30%)

Blue (23%)

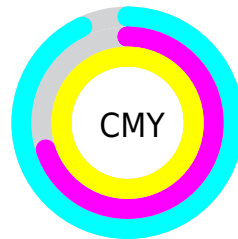


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (93%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124D00 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 124D00 by changing the saturation by 10% instead.

 124D00

 124D00

 FFFFEB

 003600

 487F32

 002200

 62994B

 000000

 7DB463

 98D07D

 B3EC98

 CFFFB3

 ECFFCE

 124D00

■ 184D08

■ 1E4D0F

■ 244D17

■ 2A4D1F

■ 304D27

■ 354D2E

■ 3B4D36

■ 414D3E

■ 474D45

Harmonies

Analogous

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



434500



124D00



00512B

Triad

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



124D00



004C8A



821233

Complementary

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



124D00



3B004D

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.



791959



124D00



00418B

Square

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



124D00



005174



572F79



79250F

Rectangle

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



124D00



005245



572F79



811040

Sweetspot

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



124D00



4D6346



4D3A00



253321



B3B3B3



333333

Same Dimension

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



124D00



176300



004D13



232622



186600



36E600

Inverse Universe

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



3B004D



4C0063



4D003A



252226



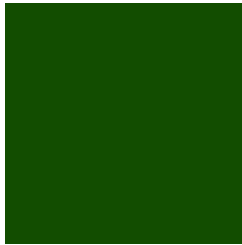
4E0066



B000E6

Previews

White Background



This preview shows how the Hex color 124D00 looks on a white background.

Color Contrast Check

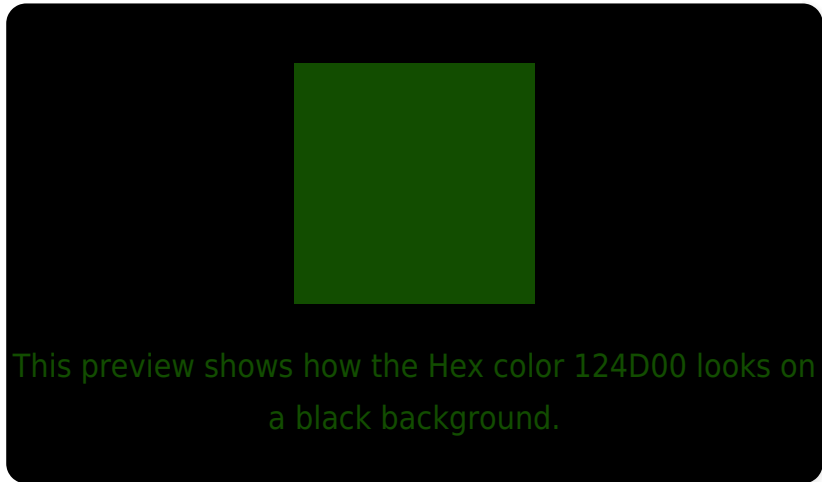
Large Text (above 18pt) WCAG AA ✓ Pass

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 124D00 Background



This preview shows how black text looks on a background with the Hex color 124D00.



This preview shows how white text looks on a background with the Hex color 124D00.

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](#).

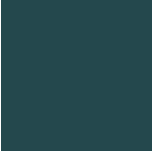
Dichromacy



Original Color
124D00

Protanopia
4B4200

Deuteranopia
533F11



Tritanopia
24484D

Trichromacy



Original Color
124D00

Protanomaly
364600

Deuteranomaly
3B440B

Tritanomaly
1D4A31

Monochromacy



Original Color
124D00

Achromatopsia
333333

Achromatomaly
273C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 124D00 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 #124D00 looks like.

```
.text, #text, p{  
    color:#124D00  
}
```

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 #124D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124D00  
}
```

Border

The CSS property to change the border of an element to Hex 124D00 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  
#124D00 }
```

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

```
.border{ border-color:#124D00 }
```

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

Here you see how a box with a 4 pixel #124D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124D00; -webkit-box-shadow:4px 4px  
4px 4px #124D00; box-shadow:4px 4px 4px  
4px #124D00 }
```

Background

The CSS property to change the background color of an element to Hex 124D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124D00 }
```

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

```
.background{ background-color:#124D00 }
```

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