

# Converting Colors

Hex(124D14)

Have a look what the booklet for  
Hex(124D14) contains.

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# Color

Hex(124D14)

# Conversions

## Conversions Part 1

Format	Color
Hex	124D14
RGB	18, 77, 20
RGB Percent	7%, 30%, 8%
CMY	0.9294, 0.6980, 0.9216
CMYK	0.77, 0.00, 0.74, 0.70
HSL	122°, 62%, 19%
HSV	122°, 77%, 30%
XYZ	3.0296, 5.4869, 1.5612
YIQ	52.8610, -16.8670, -30.2350

# Conversions

## Conversions Part 2

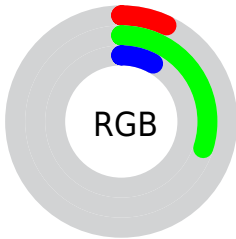
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 75, 77
Decimal	1199380
CIELab	28.08, -31.46, 27.41
CIELCh	28, 41.728, 138.938
Yxy	5.4869, 0.3006, 0.5445
Android (android.graphics.Color)	4279389460 (0xFF124D14)
YUV	52.8610, -16.2005, -30.5731
Hunter-Lab	23.4240, -17.9054, 12.4452

# Details

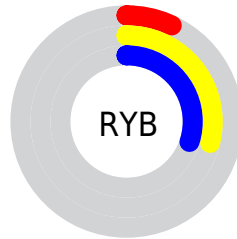
The Hex color **124D14** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D124B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **477F42**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **0A4D0D**, and if you desaturate by 10%, it is **1A4D1B**.

# Distribution



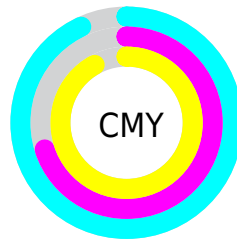
- Red (7%)
- Green (30%)
- Blue (8%)



- Red (7%)
- Yellow (29%)
- Blue (30%)



- Cyan (77%)
- Magenta (0%)
- Yellow (74%)
- Black (70%)



- Cyan (93%)
- Magenta (70%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 124D14 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 124D14 by changing the saturation by 10% instead.



 124D14

 124D14

FFFFFFC

 003600

 477F42

 002200

 61995A

 000000

 7BB473

 96D08D

 B1ECA7

 CDFFC3

 EAFFDF

 124D14

 124D14

■ 0A4D0D

■ 1A4D1B

■ 034D05

■ 214D23

■ 004D03

■ 294D2A

■ 314D32

■ 394D39

■ 404D41

■ 484D48

■ 504D50

■ 574D57

# Harmonies

## Analogous

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



3E4700



124D14



005035

# Triad

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



124D14



004A82



7B212F

# Complementary

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



124D14



4D124B

# 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.



752150



124D14



263F7F

# Square

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



124D14



004F72



5D306D



702E12

# Rectangle

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



124D14



00514B



5D306D



7B1F3A



# Sweetspot

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



124D14



4D634D



4B4D12



253325



B3B3B3



333333



# Same Dimension

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



124D14



08630B



124D31



222623



006603



00E608



# Inverse Universe

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



4D124B



630860



4D122E



262226



660063

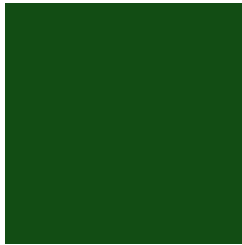


E600DE



# Previews

## White Background



This preview shows how the Hex color 124D14 looks on a white background.

## Color Contrast Check

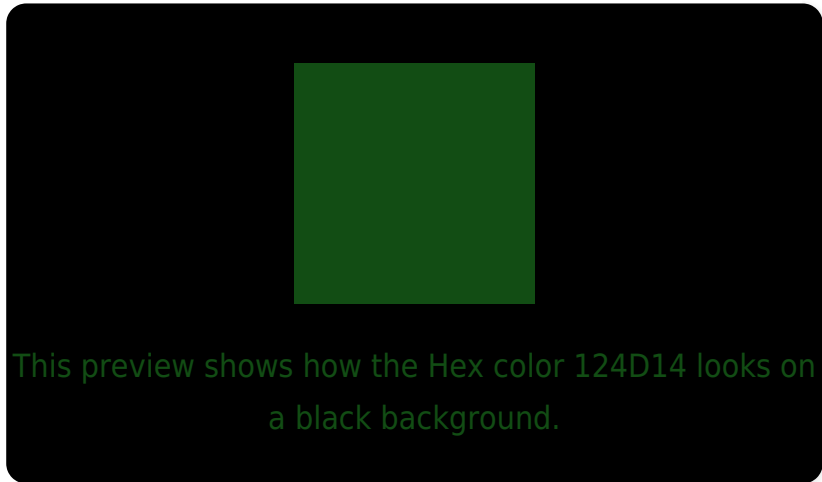
Large Text (above 18pt) WCAG AA ✓ Pass

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

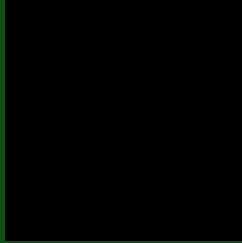
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 124D14 Background



This preview shows how black text looks on a background with the Hex color 124D14.



This preview shows how white text looks on a background with the Hex color 124D14.

# 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**  
124D14

**Protanopia**  
4A211

**Deuteranopia**  
533F19



**Tritanopia**  
24484E

# Trichromacy



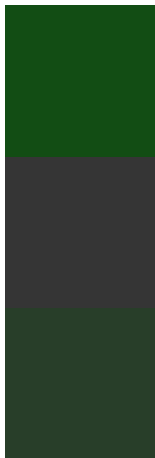
**Original Color**  
124D14

**Protanomaly**  
364612

**Deuteranomaly**  
3B4417

**Tritanomaly**  
1D4A39

# Monochromacy



**Original Color**  
124D14

**Achromatopsia**  
353535

**Achromatomaly**  
283E29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 124D14 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 #124D14 looks like.

```
.text, #text, p{  
    color:#124D14  
}
```

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 #124D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124D14
}
```

## Border

The CSS property to change the border of an element to Hex 124D14 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
#124D14 }
```

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

```
.border{ border-color:#124D14 }
```

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

Here you see how a box with a 4 pixel #124D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124D14; -webkit-box-shadow:4px 4px  
4px 4px #124D14; box-shadow:4px 4px 4px  
4px #124D14 }
```

# Background

The CSS property to change the background color of an element to Hex 124D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124D14 }
```

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

```
.background{ background-color:#124D14 }
```

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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