

Converting Colors

Hex(124D0A)

Have a look what the booklet for
Hex(124D0A) contains.

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Color

Hex(124D0A)

Conversions

Conversions Part 1

Format	Color
Hex	124D0A
RGB	18, 77, 10
RGB Percent	7%, 30%, 4%
CMY	0.9294, 0.6980, 0.9608
CMYK	0.77, 0.00, 0.87, 0.70
HSL	113°, 77%, 17%
HSV	113°, 87%, 30%
XYZ	2.9581, 5.4583, 1.1848
YIQ	51.7210, -13.6570, -33.3450

Conversions

Conversions Part 2

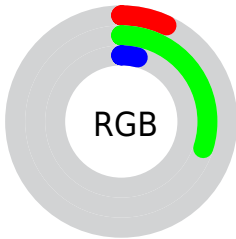
Format	Color
RYB	10, 77, 69
Decimal	1199370
CIELab	28.00, -32.39, 31.55
CIELCh	28, 45.214, 135.755
Yxy	5.4583, 0.3081, 0.5685
Android (android.graphics.Color)	4279389450 (0xFF124D0A)
YUV	51.7210, -20.5685, -29.5733
Hunter-Lab	23.3629, -18.2842, 13.3473

Details

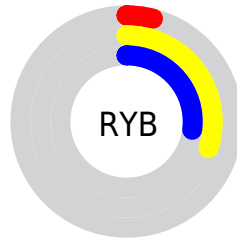
The Hex color **124D0A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **450A4D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **487F3A**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **0B4D02**, and if you desaturate by 10%, it is **194D12**.

Distribution



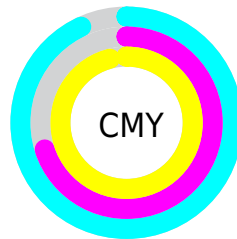
- Red (7%)
- Green (30%)
- Blue (4%)



- Red (4%)
- Yellow (30%)
- Blue (27%)



- Cyan (77%)
- Magenta (0%)
- Yellow (87%)
- Black (70%)



- Cyan (93%)
- Magenta (70%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124D0A 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 124D0A by changing the saturation by 10% instead.

 124D0A

 124D0A

 FFFFF3

 003600

 487F3A

 002200

 619952

 000000

 7CB46B

 97D085

 B2EC9F

 CEFFBA

 EBFFD6

 124D0A

 124D0A

■ 0B4D02

■ 194D12

■ 094D00

■ 204D19

■ 264D21

■ 2D4D29

■ 344D31

■ 3B4D38

■ 414D40

■ 484D48

■ 4F4D4F

Harmonies

Analogous

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



404600



124D0A



005030

Triad

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



124D0A



004B86



7F1A31

Complementary

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



124D0A



450A4D

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.



771D54



124D0A



0C4086

Square

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



124D0A



005074



5A2F73



752A10

Rectangle

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



124D0A



005148



5A2F73



7E183D

Sweetspot

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



124D0A



4D634A



4D440A



253323



B3B3B3



333333

Same Dimension

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



124D0A



0C6300



0A4D23



232622



0C6600



1BE600

Inverse Universe

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



450A4D



580063



4D0A34



262226



5A0066



CA00E6

Previews

White Background



This preview shows how the Hex color 124D0A looks on a white background.

Color Contrast Check

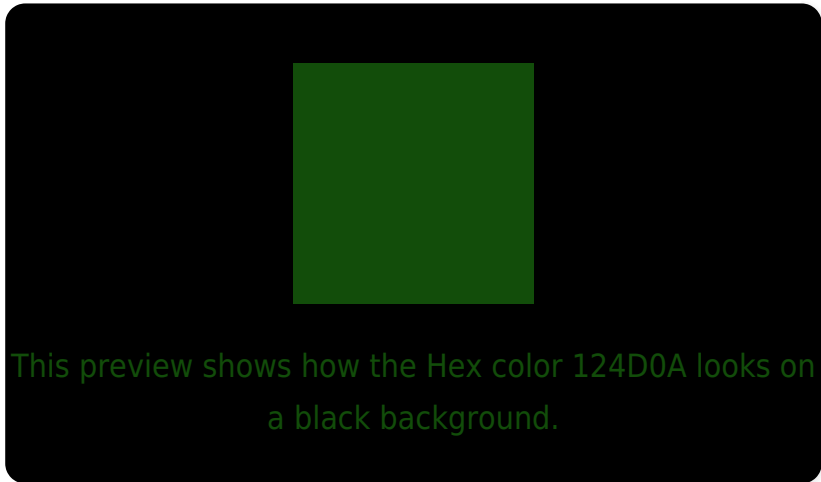
Large Text (above 18pt) WCAG AA ✓ Pass

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

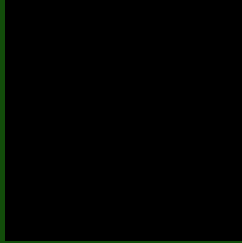
Any Text WCAG AA × Fail

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 124D0A Background



This preview shows how black text looks on a background with the Hex color 124D0A.



This preview shows how white text looks on a background with the Hex color 124D0A.

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](#).

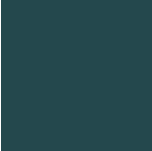
Dichromacy



Original Color
124D0A

Protanopia
4B4206

Deuteranopia
533F13



Tritanopia
24484D

Trichromacy



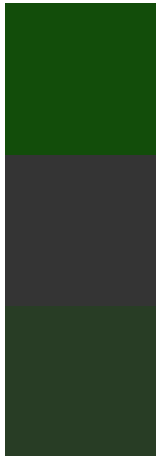
Original Color
124D0A

Protanomaly
364607

Deuteranomaly
3B4410

Tritanomaly
1D4A35

Monochromacy



Original Color
124D0A

Achromatopsia
343434

Achromatomaly
283D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 124D0A 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 #124D0A looks like.

```
.text, #text, p{  
    color:#124D0A  
}
```

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 #124D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124D0A
}
```

Border

The CSS property to change the border of an element to Hex 124D0A 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
#124D0A }
```

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

```
.border{ border-color:#124D0A }
```

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

Here you see how a box with a 4 pixel #124D0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124D0A; -webkit-box-shadow:4px 4px  
4px 4px #124D0A; box-shadow:4px 4px 4px  
4px #124D0A }
```

Background

The CSS property to change the background color of an element to Hex 124D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124D0A }
```

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

```
.background{ background-color:#124D0A }
```

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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