

Converting Colors

Hex(124E09)

Have a look what the booklet for
Hex(124E09) contains.

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Color

Hex(124E09)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 124E09 |
| RGB | 18, 78, 9 |
| RGB Percent | 7%, 31%, 4% |
| CMY | 0.9294, 0.6941, 0.9647 |
| CMYK | 0.77, 0.00, 0.88, 0.69 |
| HSL | 112°, 79%, 17% |
| HSV | 112°, 88%, 31% |
| XYZ | 3.0232, 5.5971, 1.1795 |
| YIQ | 52.1940, -13.6110, -34.1790 |

Conversions

Conversions Part 2

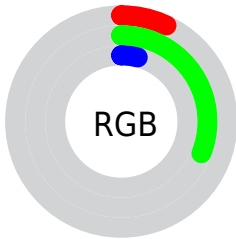
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 9, 78, 69 |
| Decimal | 1199625 |
| CIE _{Lab} | 28.37, -32.84, 32.25 |
| CIE _{LCh} | 28, 46.029, 135.518 |
| Yxy | 5.5971, 0.3085, 0.5711 |
| Android (android.graphics.Color) | 4279389705 (0xFF124E09) |
| YUV | 52.1940, -21.2946, -29.9881 |
| Hunter-Lab | 23.6582, -18.5923, 13.6049 |

Details

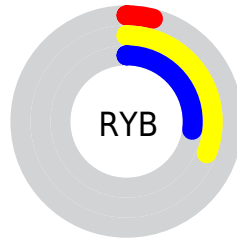
The Hex color **124E09** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45094E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **488039**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **0B4E01**, and if you desaturate by 10%, it is **194E11**.

Distribution



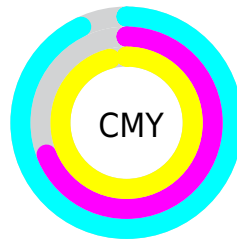
- Red (7%)
- Green (31%)
- Blue (4%)



- Red (4%)
- Yellow (31%)
- Blue (27%)



- Cyan (77%)
- Magenta (0%)
- Yellow (88%)
- Black (69%)



- Cyan (93%)
- Magenta (69%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124E09 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 124E09 by changing the saturation by 10% instead.

 124E09

 124E09

 FFFFF3

 003600

 488039

 002300

 629A52

 000000

 7CB56B

 97D184

 B3ED9F

 CFFFBA

 ECFFD6

 124E09

 124E09

■ 0B4E01

■ 194E11

■ 0A4E00

■ 204E19

■ 264E20

■ 2D4E28

■ 344E30

■ 3B4E38

■ 414E40

■ 484E47

■ 4F4E4F

Harmonies

Analogous

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



414700



124E09



005130

Triad

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



124E09



004C88



811A32

Complementary

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



124E09



45094E

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.



791D56



124E09



074188

Square

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



124E09



005175



5B3075



772A10

Rectangle

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



124E09



005249



5B3075



80183E

Sweetspot

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



124E09



4E664A



4E4509



253323



B3B3B3



333333

Same Dimension

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



124E09



0D6600



094E22



232622



1EE600

Inverse Universe

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



45094E



590066



4E0935



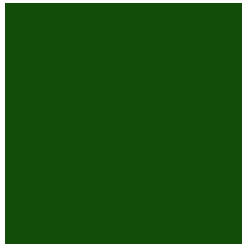
262226



C800E6

Previews

White Background



This preview shows how the Hex color 124E09 looks on a white background.

Color Contrast Check

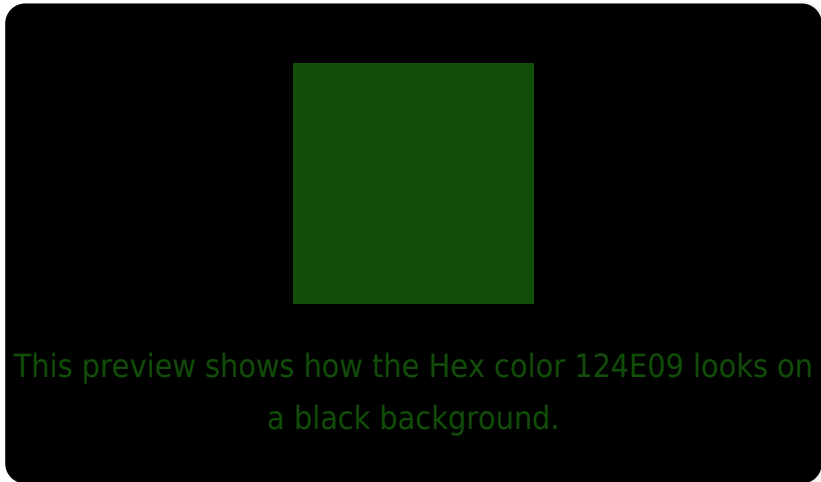
Large Text (above 18pt) WCAG AA ✓ Pass

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

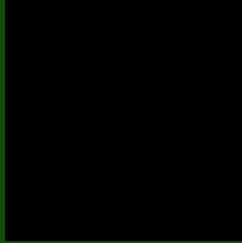
Any Text WCAG AA × Fail

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 124E09 Background



This preview shows how black text looks on a background with the Hex color 124E09.



This preview shows how white text looks on a background with the Hex color 124E09.

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](#).

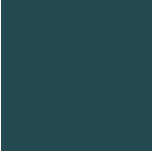
Dichromacy



Original Color
124E09

Protanopia
4C4305

Deuteranopia
544013



Tritanopia
24494E

Trichromacy



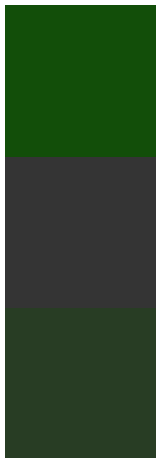
Original Color
124E09

Protanomaly
374706

Deuteranomaly
3C450F

Tritanomaly
1D4B35

Monochromacy



Original Color
124E09

Achromatopsia
343434

Achromatomaly
283D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 124E09 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 #124E09 looks like.

```
.text, #text, p{  
    color:#124E09  
}
```

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 #124E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124E09
}
```

Border

The CSS property to change the border of an element to Hex 124E09 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".

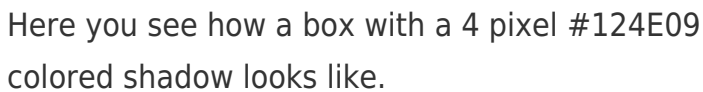
```
.border, #border, table{ border:4px solid
#124E09 }
```

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

```
.border{ border-color:#124E09 }
```

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

Here you see how a box with a 4 pixel #124E09 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124E09; -webkit-box-shadow:4px 4px  
4px 4px #124E09; box-shadow:4px 4px 4px  
4px #124E09 }
```

Background

The CSS property to change the background color of an element to Hex 124E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124E09 }
```

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

```
.background{ background-color:#124E09 }
```

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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