

Converting Colors

Hex(124933)

Have a look what the booklet for
Hex(124933) contains.

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Color

Hex(124933)

Conversions

Conversions Part 1

Format	Color
Hex	124933
RGB	18, 73, 51
RGB Percent	7%, 29%, 20%
CMY	0.9294, 0.7137, 0.8000
CMYK	0.75, 0.00, 0.30, 0.71
HSL	156°, 60%, 18%
HSV	156°, 75%, 29%
XYZ	3.2295, 5.1327, 3.9525
YIQ	54.0470, -25.7180, -18.5020

Conversions

Conversions Part 2

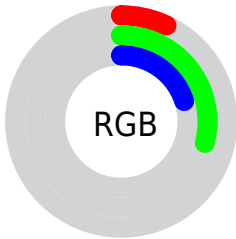
Format	Color
R_{YB}	18, 52, 73
Decimal	1198387
CIE Lab	27.11, -23.87, 8.11
CIE LCh	27, 25.209, 161.245
Yxy	5.1327, 0.2623, 0.4168
Android (android.graphics.Color)	4279388467 (0xFF124933)
YUV	54.0470, -1.5022, -31.6132
Hunter-Lab	22.6555, -14.2019, 5.5151

Details

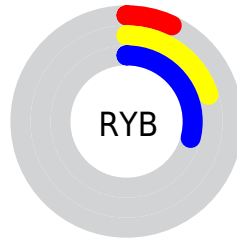
The Hex color **124933** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **491228**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **457A61**, and **001E05** is the 20% darker color. If you saturate the color by 10%, you get **0B4930**, and if you desaturate by 10%, it is **194936**.

Distribution



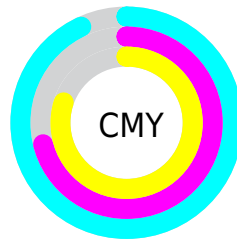
- Red (7%)
- Green (29%)
- Blue (20%)



- Red (7%)
- Yellow (20%)
- Blue (29%)



- Cyan (75%)
- Magenta (0%)
- Yellow (30%)
- Black (71%)



- Cyan (93%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124933 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 124933 by changing the saturation by 10% instead.

 124933

 124933

FFFFFF

 00321E

 457A61

 001E05

 5E947A

 000000

 78AF94

 93CAAF

 AEE7CA

 CAFFE6

 E6FFFF

 124933

 124933

■ 0B4930

■ 194936

■ 03492D

■ 214939

■ 00492C

■ 28493C

■ 2F493F

■ 364942

■ 3E4945

■ 454947

■ 4C494A

■ 54494D

Harmonies

Analogous

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



2F4622



124933



004A47

Triad

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



124933



2D4066



613428

Complementary

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



124933



491228

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.



643039



124933



4B385D

Square

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



124933



004564



5D324D



563B1B

Rectangle

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



124933



004953



5D324D



63322D

Sweetspot

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



124933



495E56



284912



23302B



B0B0B0



303030

Same Dimension

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



124933



095E3C



124349



202422



00633C



00E388

Inverse Universe

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



491228



5E092B



491712



242022



630028



E3005B

Previews

White Background



This preview shows how the Hex color 124933 looks on a white background.

Color Contrast Check

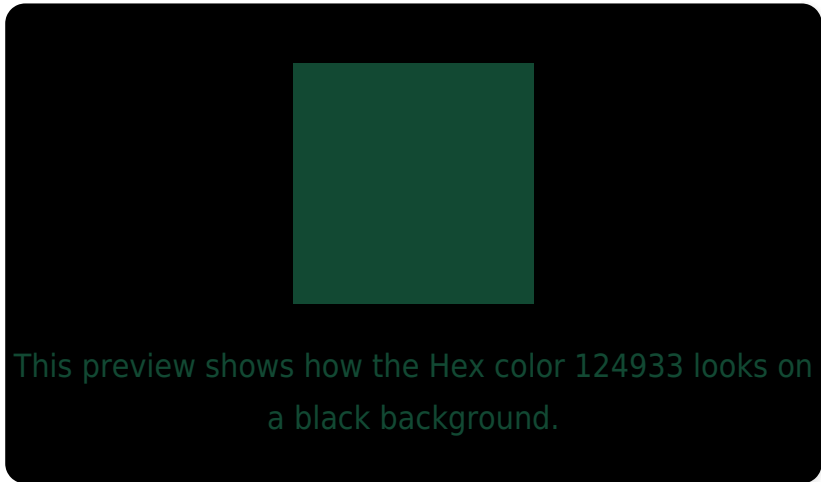
Large Text (above 18pt) WCAG AA ✓ Pass

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

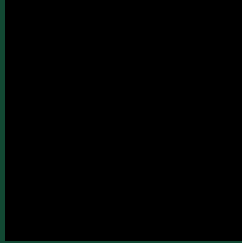
Any Text WCAG AA × Fail

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 124933 Background



This preview shows how black text looks on a background with the Hex color 124933.



This preview shows how white text looks on a background with the Hex color 124933.

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](#).

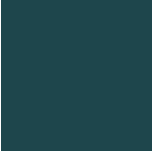
Dichromacy



Original Color
124933

Protanopia
45402F

Deuteranopia
4A3E36



Tritanopia
1E464C

Trichromacy



Original Color
124933

Protanomaly
324330

Deuteranomaly
364235

Tritanomaly
1A4743

Monochromacy



Original Color
124933

Achromatopsia
363636

Achromatomaly
293D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 124933 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 #124933 looks like.

```
.text, #text, p{  
    color:#124933  
}
```

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 #124933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124933
}
```

Border

The CSS property to change the border of an element to Hex 124933 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".

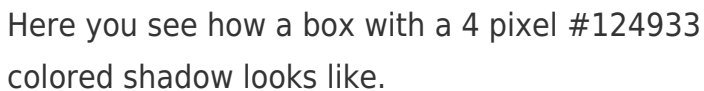
```
.border, #border, table{ border:4px solid
#124933 }
```

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

```
.border{ border-color:#124933 }
```

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

Here you see how a box with a 4 pixel #124933 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124933; -webkit-box-shadow:4px 4px  
4px 4px #124933; box-shadow:4px 4px 4px  
4px #124933 }
```

Background

The CSS property to change the background color of an element to Hex 124933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124933 }
```

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

```
.background{ background-color:#124933 }
```

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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