

Converting Colors

Hex(123418)

Have a look what the booklet for
Hex(123418) contains.

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Color

Hex(123418)

Conversions

Conversions Part 1

Format	Color
Hex	123418
RGB	18, 52, 24
RGB Percent	7%, 20%, 9%
CMY	0.9294, 0.7961, 0.9059
CMYK	0.65, 0.00, 0.54, 0.80
HSL	131°, 49%, 14%
HSV	131°, 65%, 20%
XYZ	1.6423, 2.6505, 1.2892
YIQ	38.6420, -11.2760, -15.9160

Conversions

Conversions Part 2

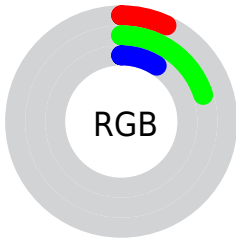
Format	Color
R_{YB}	18, 47, 52
Decimal	1192984
CIE _{Lab}	18.59, -19.81, 14.05
CIE _{LCh}	19, 24.289, 144.667
Yxy	2.6505, 0.2942, 0.4748
Android (android.graphics.Color)	4279383064 (0xFF123418)
YUV	38.6420, -7.2185, -18.1030
Hunter-Lab	16.2804, -10.4843, 6.7013

Details

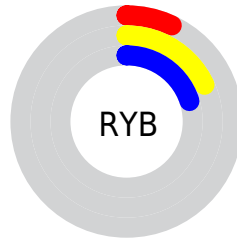
The Hex color **123418** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34122E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **406343**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D3414**, and if you desaturate by 10%, it is **17341C**.

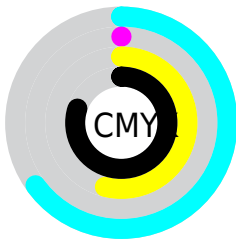
Distribution



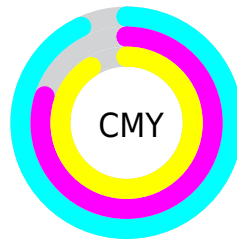
- Red (7%)
- Green (20%)
- Blue (9%)



- Red (7%)
- Yellow (18%)
- Blue (20%)



- Cyan (65%)
- Magenta (0%)
- Yellow (54%)
- Black (80%)




- Cyan (93%)
- Magenta (80%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123418 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 123418 by changing the saturation by 10% instead.

 123418

 123418


 FAFFFC

 001F00

 406343

 000000

 587C5B

 719674

 8BB18D

 A6CCA8

 C1E9C3

 DDFDF

 123418

 123418

■ 0D3414

■ 17341C

■ 08340F

■ 1C3421

■ 02340B

■ 223425

■ 003409

■ 273429

■ 2C342D

■ 313432

■ 363436

■ 3C343A

■ 41343F

Harmonies

Analogous

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



29310A



123418



003629

Triad

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



123418



003050



4D1F20

Complementary

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



123418



34122E

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.



4C1E31



123418



292A4D

Square

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



123418



00344A



402342



462511

Rectangle

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



123418



003636



402342



4E1E25

Sweetspot

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



123418



37453A



2E3412



1B241D



A3A3A3



242424

Same Dimension

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



123418



0F4519



123429



171A17



005910



00D926

Inverse Universe

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



34122E



450F3B



34121D



1A1719



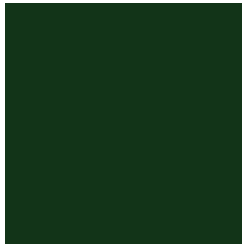
59004A



D900B3

Previews

White Background



This preview shows how the Hex color 123418 looks on a white background.

Color Contrast Check

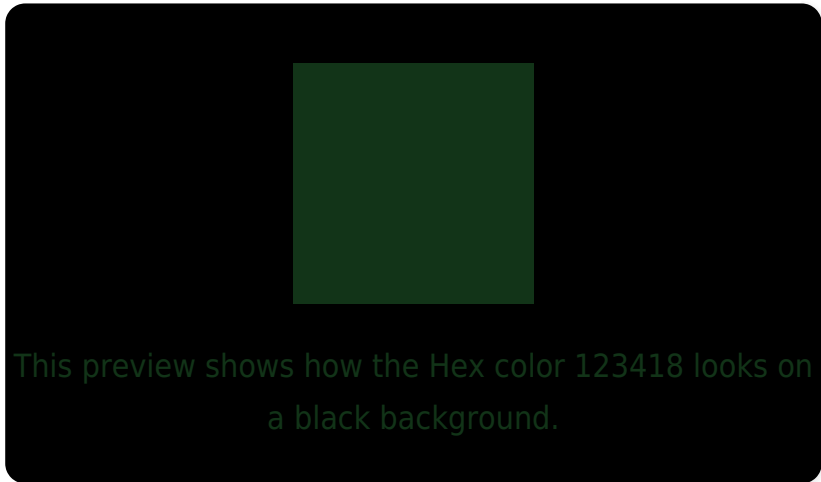
Large Text (above 18pt) WCAG AA ✓ Pass

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

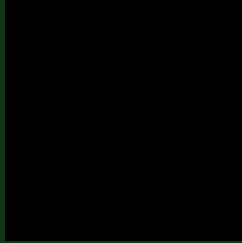
Any Text WCAG AA × Fail

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 123418 Background



This preview shows how black text looks on a background with the Hex color 123418.



This preview shows how white text looks on a background with the Hex color 123418.

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](#).

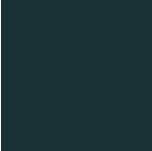
Dichromacy



Original Color
123418

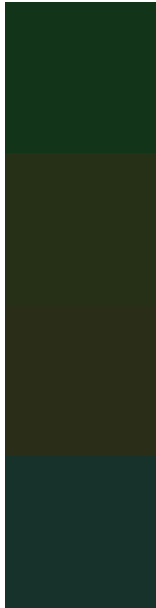
Protanopia
322D16

Deuteranopia
372B1A



Tritanopia
1A3135

Trichromacy



Original Color
123418

Protanomaly
263017

Deuteranomaly
2A2E19

Tritanomaly
17322A

Monochromacy



Original Color
123418

Achromatopsia
272727

Achromatomaly
1F2C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 123418 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 #123418 looks like.

```
.text, #text, p{  
    color:#123418  
}
```

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 #123418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123418
}
```

Border

The CSS property to change the border of an element to Hex 123418 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".

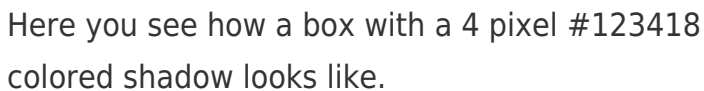
```
.border, #border, table{ border:4px solid
#123418 }
```

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

```
.border{ border-color:#123418 }
```

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

Here you see how a box with a 4 pixel #123418 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123418; -webkit-box-shadow:4px 4px  
4px 4px #123418; box-shadow:4px 4px 4px  
4px #123418 }
```

Background

The CSS property to change the background color of an element to Hex 123418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123418 }
```

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

```
.background{ background-color:#123418 }
```

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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