

# Converting Colors

Hex(123929)

Have a look what the booklet for  
Hex(123929) contains.

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# Color

**Hex(123929)**

# Conversions

## Conversions Part 1

Format	Color
Hex	123929
RGB	18, 57, 41
RGB Percent	7%, 22%, 16%
CMY	0.9294, 0.7765, 0.8392
CMYK	0.68, 0.00, 0.28, 0.78
HSL	155°, 52%, 15%
HSV	155°, 68%, 22%
XYZ	2.1128, 3.2149, 2.6070
YIQ	43.5150, -18.1080, -13.2440

# Conversions

## Conversions Part 2

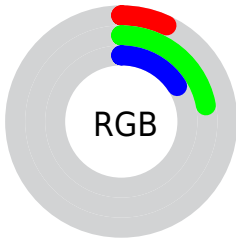
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 43, 57
Decimal	1194281
CIELab	20.88, -18.40, 5.95
CIElCh	21, 19.338, 162.080
Yxy	3.2149, 0.2663, 0.4052
Android (android.graphics.Color)	4279384361 (0xFF123929)
YUV	43.5150, -1.2399, -22.3767
Hunter-Lab	17.9303, -10.3444, 3.9306

# Details

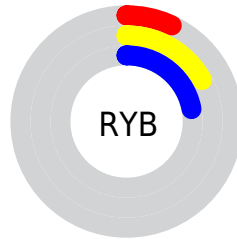
The Hex color **123929** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391222**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **416856**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **0C3927**, and if you desaturate by 10%, it is **18392B**.

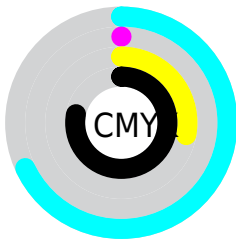
# Distribution



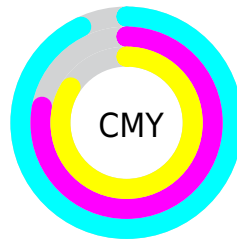
- Red (7%)
- Green (22%)
- Blue (16%)



- Red (7%)
- Yellow (17%)
- Blue (22%)



- Cyan (68%)
- Magenta (0%)
- Yellow (28%)
- Black (78%)



- Cyan (93%)
- Magenta (78%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 123929 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 123929 by changing the saturation by 10% instead.



 123929

 123929

 FCFFF

 002315

 416856

 000600

 59826E

 000000

 739C88

 8DB7A2

 A7D2BD

 C3EFD9

 DFFFF5

 123929

 123929

■ 0C3927

■ 18392B

■ 073924

■ 1D392E

■ 013922

■ 233930

■ 003922

■ 293932

■ 2F3935

■ 343937

■ 3A3939

■ 40393C

■ 45393E

# Harmonies

## Analogous

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



26371C



123929



003A38

# Triad

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



123929



26324E



4B2A20

# Complementary

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



123929



391222

# 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.



4D272D



123929



3B2C47

# Square

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



123929



05364D



48283B



422E17

# Rectangle

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



123929



003941



48283B



4C2824



# Sweetspot

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



123929



3A4A44



223912



1D2622



A6A6A6



262626



# Same Dimension

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



123929



0D4A31



123639



191C1B



005C36



00DB81



# Inverse Universe

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



391222



4A0D26



391512



1C191A



5C0026

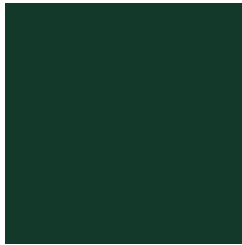


DB005A



# Previews

## White Background



This preview shows how the Hex color 123929 looks on a white background.

## Color Contrast Check

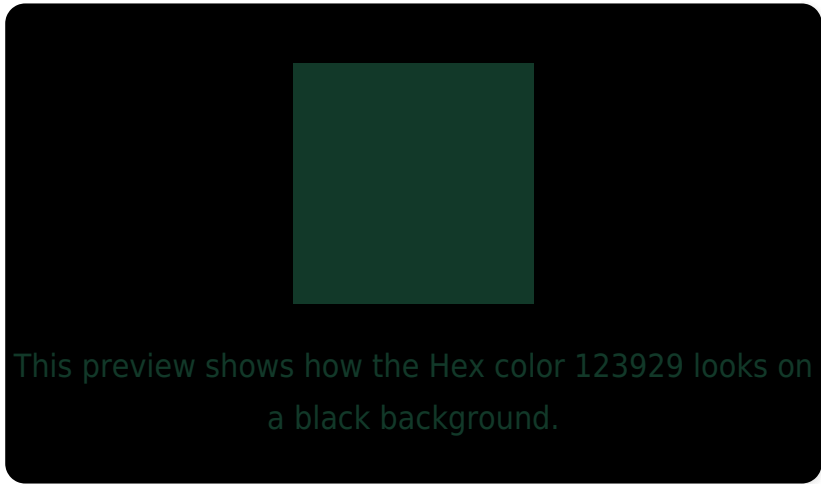
Large Text (above 18pt) WCAG AA ✓ Pass

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

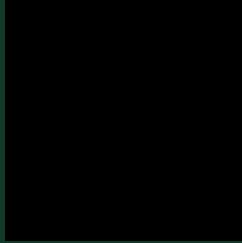
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 123929 Background



This preview shows how black text looks on a background with the Hex color 123929.

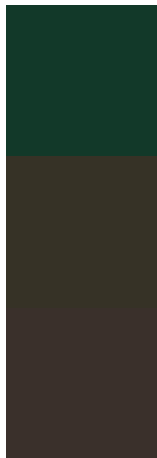


This preview shows how white text looks on a background with the Hex color 123929.

# 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**  
123929

**Protanopia**  
363226

**Deuteranopia**  
3A302B



**Tritanopia**  
19373B

# Trichromacy



**Original Color**

123929

**Protanomaly**

293527

**Deuteranomaly**

2B332A

**Tritanomaly**

163834

# Monochromacy



**Original Color**

123929

**Achromatopsia**

2C2C2C

**Achromatomaly**

23312B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 123929 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 #123929 looks like.

```
.text, #text, p{  
    color:#123929  
}
```

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 #123929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123929
}
```

## Border

The CSS property to change the border of an element to Hex 123929 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".

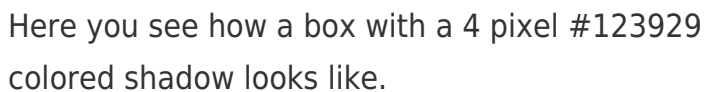
```
.border, #border, table{ border:4px solid
#123929 }
```

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

```
.border{ border-color:#123929 }
```

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

Here you see how a box with a 4 pixel #123929 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123929; -webkit-box-shadow:4px 4px  
4px 4px #123929; box-shadow:4px 4px 4px  
4px #123929 }
```

# Background

The CSS property to change the background color of an element to Hex 123929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123929 }
```

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

```
.background{ background-color:#123929 }
```

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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