

Converting Colors

Hex(123034)

Have a look what the booklet for
Hex(123034) contains.

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Color

Hex(123034)

Conversions

Conversions Part 1

Format	Color
Hex	123034
RGB	18, 48, 52
RGB Percent	7%, 19%, 20%
CMY	0.9294, 0.8118, 0.7961
CMYK	0.65, 0.08, 0.00, 0.80
HSL	187°, 49%, 14%
HSV	187°, 65%, 20%
XYZ	1.9262, 2.4904, 3.6280
YIQ	39.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

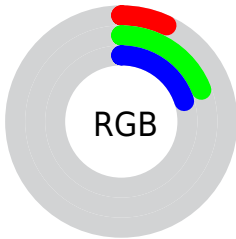
Format	Color
RYB	18, 34, 52
Decimal	1191988
CIELab	17.88, -9.69, -5.95
CIELCh	18, 11.375, 211.549
Yxy	2.4904, 0.2394, 0.3096
Android (android.graphics.Color)	4279382068 (0xFF123034)
YUV	39.4860, 6.1694, -18.8432
Hunter-Lab	15.7811, -5.8293, -2.5837

Details

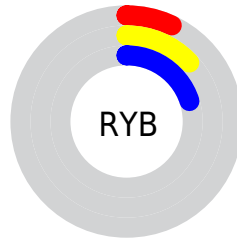
The Hex color **123034** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **341612**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **405E62**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **0D2F34**, and if you desaturate by 10%, it is **173134**.

Distribution



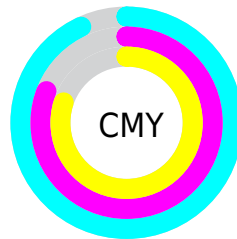
- Red (7%)
- Green (19%)
- Blue (20%)



- Red (7%)
- Yellow (13%)
- Blue (20%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123034 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 123034 by changing the saturation by 10% instead.

 123034

 123034

 FBFFFF

 001B1F

 405E62

 000006

 59777B

 000000

 729195

 8CABB0

 A6C6CB

 C2E2E7

 DEFFFF

 123034

 123034

■ 0D2F34

■ 173134

■ 082F34

■ 1C3134

■ 022E34

■ 223234

■ 002E34

■ 273234

■ 2C3334

■ 313434

■ 363434

■ 3C3534

■ 413634

Harmonies

Analogous

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



16302C



123034



172F3A

Triad

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



123034



372734



312B1B

Complementary

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



123034



341612

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.



38291E



123034



3C262C

Square

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



123034



2D293A



3C2624



282E1E

Rectangle

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



123034



1E2D3C



3C2624



342A1C

Sweetspot

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



123034



374345



123416



1B2324



A3A3A3



242424

Same Dimension

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



123034



0F3F45



121F34



17191A



004F59



00BFD9

Inverse Universe

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



341230



450F3F



342712



1A1719



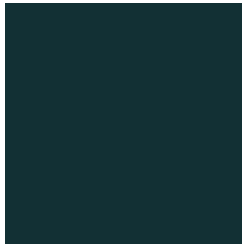
59004F



D900BF

Previews

White Background



This preview shows how the Hex color 123034 looks on a white background.

Color Contrast Check

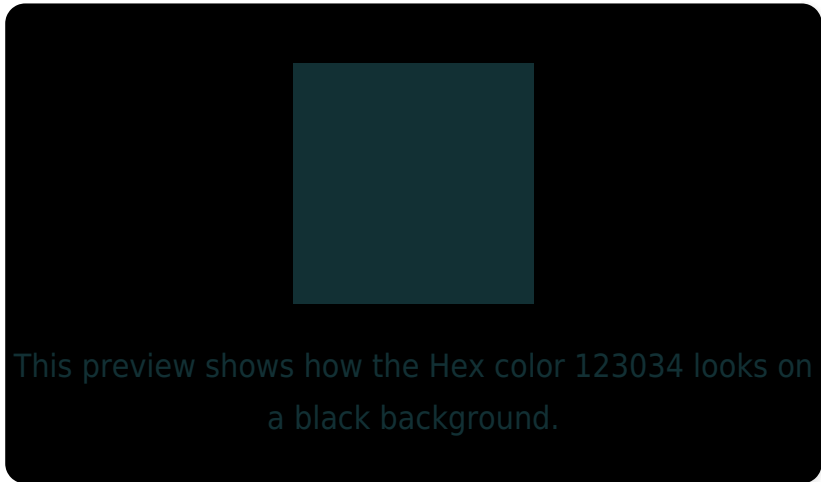
Large Text (above 18pt) WCAG AA ✓ Pass

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

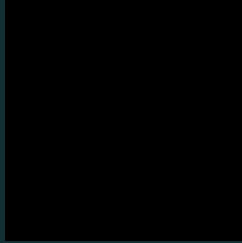
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

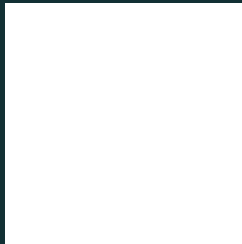
Any Text WCAG AAA × Fail

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

Hex 123034 Background



This preview shows how black text looks on a background with the Hex color 123034.



This preview shows how white text looks on a background with the Hex color 123034.

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
123034

Protanopia
2B2B31

Deuteranopia
2B2B35



Tritanopia
123034

Trichromacy



Original Color
123034

Protanomaly
222D32

Deuteranomaly
222D35

Tritanomaly
123034

Monochromacy



Original Color
123034

Achromatopsia
272727

Achromatomaly
1F2A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 123034 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 #123034 looks like.

```
.text, #text, p{  
    color:#123034  
}
```

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 #123034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123034
}
```

Border

The CSS property to change the border of an element to Hex 123034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

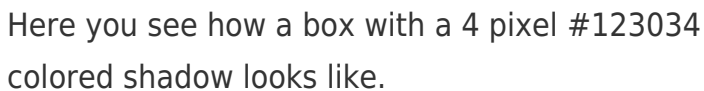
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#123034 }
```

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

```
.border{ border-color:#123034 }
```

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



Here you see how a box with a 4 pixel #123034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123034; -webkit-box-shadow:4px 4px  
4px 4px #123034; box-shadow:4px 4px 4px  
4px #123034 }
```

Background

The CSS property to change the background color of an element to Hex 123034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123034 }
```

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

```
.background{ background-color:#123034 }
```

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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