

Converting Colors

Hex(123323)

Have a look what the booklet for
Hex(123323) contains.

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Color

Hex(123323)

Conversions

Conversions Part 1

Format	Color
Hex	123323
RGB	18, 51, 35
RGB Percent	7%, 20%, 14%
CMY	0.9294, 0.8000, 0.8627
CMYK	0.65, 0.00, 0.31, 0.80
HSL	151°, 48%, 14%
HSV	151°, 65%, 20%
XYZ	1.7367, 2.6176, 2.0038
YIQ	39.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

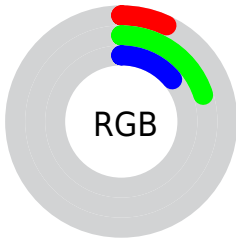
Format	Color
R_{YB}	18, 40, 51
Decimal	1192739
CIE _{Lab}	18.44, -16.77, 6.58
CIE _{LCh}	18, 18.011, 158.572
Yxy	2.6176, 0.2731, 0.4117
Android (android.graphics.Color)	4279382819 (0xFF123323)
YUV	39.3090, -2.1243, -18.6880
Hunter-Lab	16.1790, -9.1531, 3.9820

Details

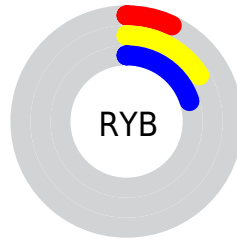
The Hex color **123323** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331222**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **40624F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D3321**, and if you desaturate by 10%, it is **173325**.

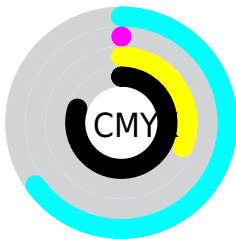
Distribution



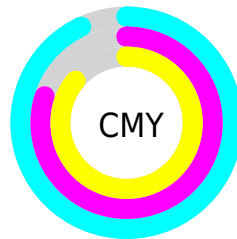
- Red (7%)
- Green (20%)
- Blue (14%)



- Red (7%)
- Yellow (16%)
- Blue (20%)



- Cyan (65%)
- Magenta (0%)
- Yellow (31%)
- Black (80%)



- Cyan (93%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123323 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 123323 by changing the saturation by 10% instead.

 123323

 123323

 F9FFFF

 001E0E

 40624F

 000000

 587B67

 719581

 8AAF9B

 A5CBB5

 C0E7D1

 DCF FED

 123323

 123323

■ 0D3321

■ 173325

■ 08331E

■ 1C3328

■ 03331C

■ 21332A

■ 00331A

■ 26332D

■ 2C332F

■ 313332

■ 363334

■ 3B3337

■ 403339

Harmonies

Analogous

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



233118



123323



003430

Triad

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



123323



1F2D47



44251D

Complementary

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



123323



331222

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.



46222A



123323



332841

Square

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



123323



013145



402437



3D2915

Rectangle

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



123323



003339



402437



452321

Sweetspot

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



123323



36423C



233312



1A211D



A1A1A1



212121

Same Dimension

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



123323



0F4229



123333



171A18



00592E



00D970

Inverse Universe

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



331222



420F28



331212



1A1718



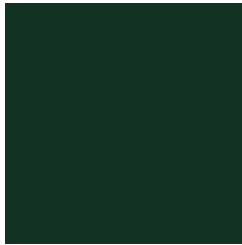
59002B



D90069

Previews

White Background



This preview shows how the Hex color 123323 looks on a white background.

Color Contrast Check

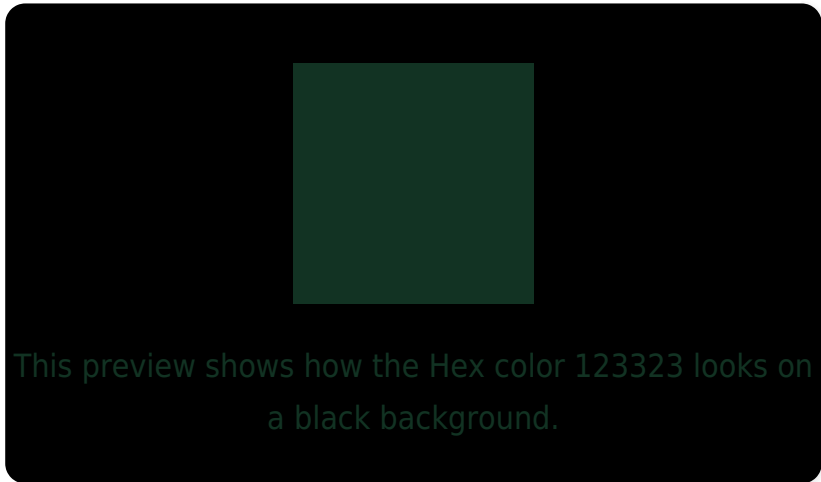
Large Text (above 18pt) WCAG AA ✓ Pass

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

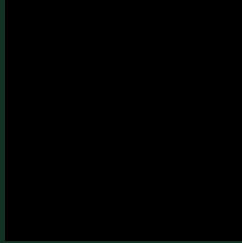
Any Text WCAG AA × Fail

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 123323 Background



This preview shows how black text looks on a background with the Hex color 123323.



This preview shows how white text looks on a background with the Hex color 123323.

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](#).

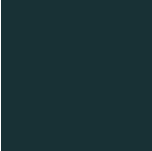
Dichromacy



Original Color
123323

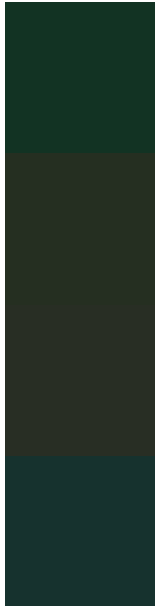
Protanopia
302D20

Deuteranopia
342B25



Tritanopia
183135

Trichromacy



Original Color
123323

Protanomaly
252F21

Deuteranomaly
282E24

Tritanomaly
16322E

Monochromacy



Original Color
123323

Achromatopsia
272727

Achromatomaly
1F2B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 123323 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 #123323 looks like.

```
.text, #text, p{  
    color:#123323  
}
```

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 #123323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123323
}
```

Border

The CSS property to change the border of an element to Hex 123323 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".

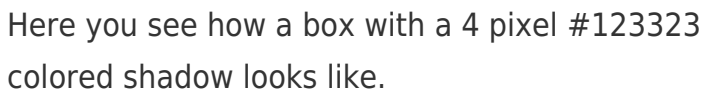
```
.border, #border, table{ border:4px solid
#123323 }
```

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

```
.border{ border-color:#123323 }
```

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

Here you see how a box with a 4 pixel #123323 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 #123323; -webkit-box-shadow:4px 4px  
4px 4px #123323; box-shadow:4px 4px 4px  
4px #123323 }
```

Background

The CSS property to change the background color of an element to Hex 123323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123323 }
```

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

```
.background{ background-color:#123323 }
```

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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