

Converting Colors

Hex(123038)

Have a look what the booklet for
Hex(123038) contains.

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Color

Hex(123038)

Conversions

Conversions Part 1

Format	Color
Hex	123038
RGB	18, 48, 56
RGB Percent	7%, 19%, 22%
CMY	0.9294, 0.8118, 0.7804
CMYK	0.68, 0.14, 0.00, 0.78
HSL	193°, 51%, 15%
HSV	193°, 68%, 22%
XYZ	2.0202, 2.5280, 4.1229
YIQ	39.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

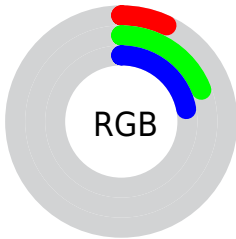
Format	Color
RYB	18, 35, 56
Decimal	1191992
CIELab	18.04, -8.24, -8.46
CIELCh	18, 11.813, 225.750
Yxy	2.5280, 0.2330, 0.2915
Android (android.graphics.Color)	4279382072 (0xFF123038)
YUV	39.9420, 7.9166, -19.2431
Hunter-Lab	15.8998, -5.1445, -4.2442

Details

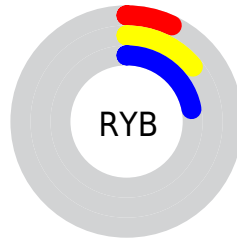
The Hex color **123038** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **381A12**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **415E67**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2F38**, and if you desaturate by 10%, it is **183138**.

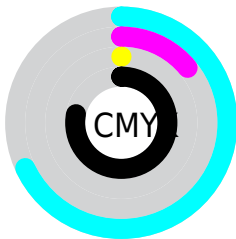
Distribution



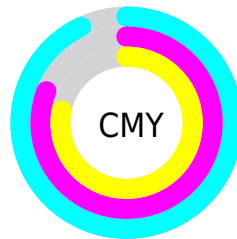
- Red (7%)
- Green (19%)
- Blue (22%)



- Red (7%)
- Yellow (14%)
- Blue (22%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123038 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 123038 by changing the saturation by 10% instead.

■ 123038

■ 123038

■ FFFFFFFF

■ 001B23

■ 415E67

■ 00000C

■ 597780

■ 000000

■ 72909A

■ 8CABB5

■ A7C6D0

■ C3E2EC

■ DFFFFFFF

■ 123038

■ 123038

■ 0C2F38

■ 183138

■ 072E38

■ 1D3238

■ 012C38

■ 233438

■ 002C38

■ 283538

■ 2E3638

■ 343738

■ 393838

■ 3F3938

■ 443B38

Harmonies

Analogous

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



123130



123038



1B2E3C

Triad

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



123038



3A2631



2E2D1C

Complementary

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



123038



381A12

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.



362A1C



123038



3D2628

Square

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



123038



332838



3B2720



242F20

Rectangle

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



123038



232C3D



3B2720



302C1B

Sweetspot

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



123038



3B474A



12381A



1D2426



A6A6A6



262626

Same Dimension

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



123038



0E3D4A



121D38



191B1C



00485C



00ADD8

Inverse Universe

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



381230



4A0E3D



382D12



1C191B



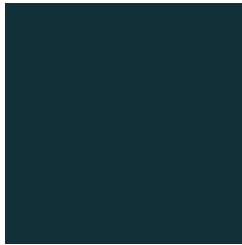
5C0048



DB00AD

Previews

White Background



This preview shows how the Hex color 123038 looks on a white background.

Color Contrast Check

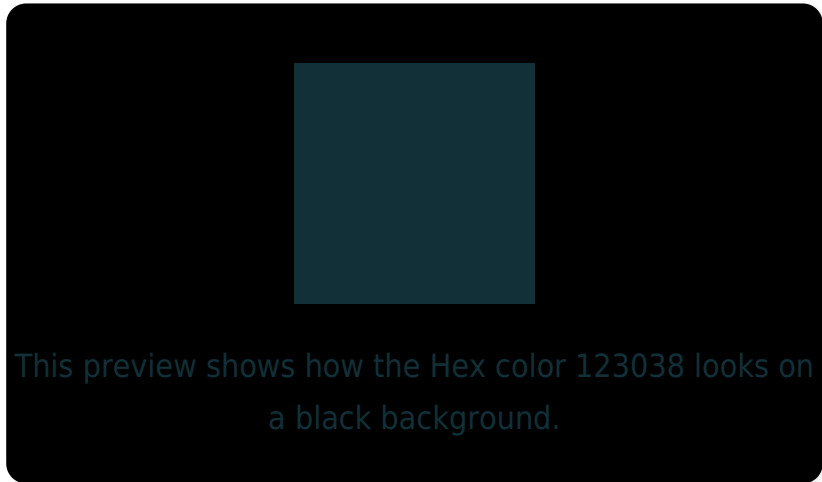
Large Text (above 18pt) WCAG AA ✓ Pass

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

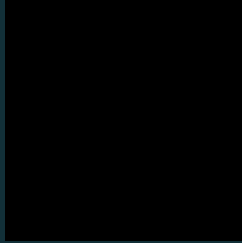
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

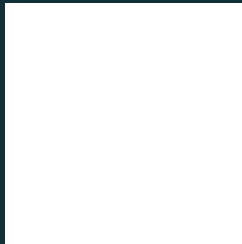
Any Text WCAG AAA × Fail

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

Hex 123038 Background



This preview shows how black text looks on a background with the Hex color 123038.



This preview shows how white text looks on a background with the Hex color 123038.

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](#).

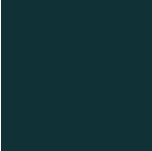
Dichromacy



Original Color
123038

Protanopia
2A2C35

Deuteranopia
2A2B39



Tritanopia
103135

Trichromacy



Original Color
123038

Protanomaly
212D36

Deuteranomaly
212D39

Tritanomaly
113136

Monochromacy



Original Color
123038

Achromatopsia
282828

Achromatomaly
202B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 123038 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 #123038 looks like.

```
.text, #text, p{  
    color:#123038  
}
```

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 #123038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123038
}
```

Border

The CSS property to change the border of an element to Hex 123038 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
#123038 }
```

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

```
.border{ border-color:#123038 }
```

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

Here you see how a box with a 4 pixel #123038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123038; -webkit-box-shadow:4px 4px  
4px 4px #123038; box-shadow:4px 4px 4px  
4px #123038 }
```

Background

The CSS property to change the background color of an element to Hex 123038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123038 }
```

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

```
.background{ background-color:#123038 }
```

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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