

Converting Colors

Hex(B0123C)

Have a look what the booklet for
Hex(B0123C) contains.

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Color

Hex(B0123C)

Conversions

Conversions Part 1

Format	Color
Hex	B0123C
RGB	176, 18, 60
RGB Percent	69%, 7%, 24%
CMY	0.3098, 0.9294, 0.7647
CMYK	0.00, 0.90, 0.66, 0.31
HSL	344°, 81%, 38%
HSV	344°, 90%, 69%
XYZ	18.9364, 9.9890, 5.2050
YIQ	70.0300, 80.6860, 46.5580

Conversions

Conversions Part 2

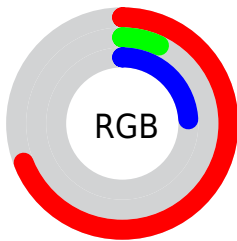
Format	Color
RYB	176, 18, 60
Decimal	11539004
CIELab	37.82, 60.03, 20.21
CIELCh	38, 63.344, 18.608
Yxy	9.9890, 0.5548, 0.2927
Android (android.graphics.Color)	4289729084 (0xFFB0123C)
YUV	70.0300, -4.9448, 92.9357
Hunter-Lab	31.6053, 51.6394, 12.3595

Details

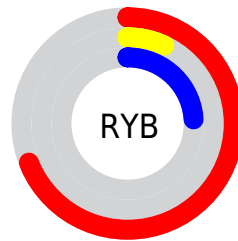
The Hex color **B0123C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12B086**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **EE556B**, and **740013** is the 20% darker color. If you saturate the color by 10%, you get **B0002F**, and if you desaturate by 10%, it is **B02449**.

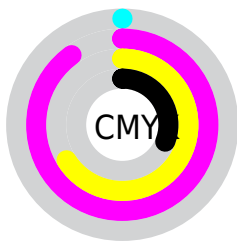
Distribution



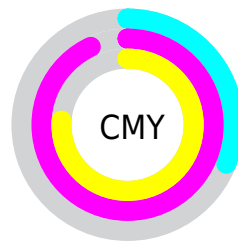
- Red (69%)
- Green (7%)
- Blue (24%)



- Red (69%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0123C 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 B0123C by changing the saturation by 10% instead.

 B0123C

 B0123C

FFFFFF

 920027

 EE556B

 740013

 FF7284

 560000

 FF8E9E

 3A0002

 FFAAB9

 120000

 FFC7D5

 000000

 FFE5F1

 B0123C

 B0123C

 B0002F

 B02449

 B03556

 B04763

 B05870

 B06A7D

 B07C8A

 B08D96

 B09FA3

 B0B0B0

Harmonies

Analogous

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



A8136F



B0123C



9F3606

Triad

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



B0123C



006904



0065BF

Complementary

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



B0123C



12B086

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.



006DA6



B0123C



006D43

Square

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



B0123C



4F6000



006F78



0054BC

Rectangle

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



B0123C



8A4800



006F78



0069B9

Sweetspot

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



B0123C



E6A8B8



8612B0



734E58



F2F2F2



737373

Same Dimension

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



B0123C



E6003D



B03712



595053



990029



1A0007

Inverse Universe

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



B0123C



E6003D



128BB0



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color B0123C looks on a white background.

Color Contrast Check

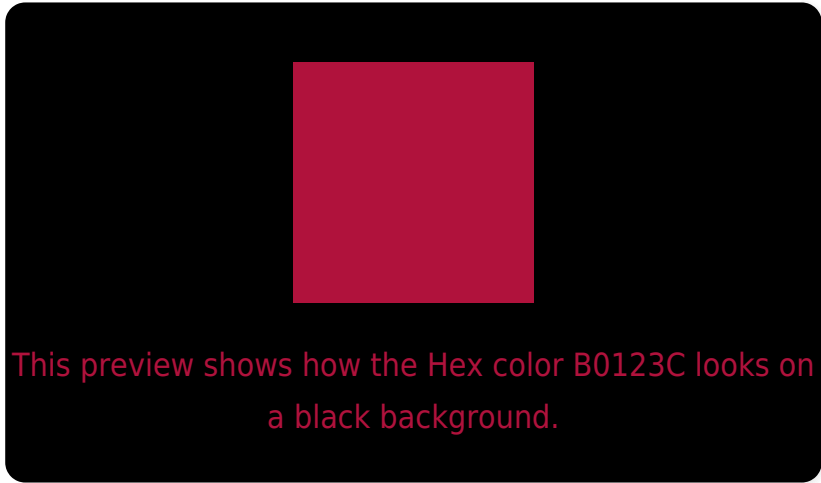
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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 B0123C Background



This preview shows how black text looks on a background with the Hex color B0123C.



This preview shows how white text looks on a background with the Hex color B0123C.

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
B0123C

Protanopia
5D5A57

Deuteranopia
6F5734

Trichromacy



Original Color
B0123C

Protanomaly
7B404D

Deuteranomaly
873E37

Tritanomaly
AF1927

Monochromacy



Original Color
B0123C

Achromatopsia
464646

Achromatomaly
6D3342

CSS Examples

Text

The CSS property to change the color of the text to Hex B0123C 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 #B0123C looks like.

```
.text, #text, p{  
    color:#B0123C  
}
```

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 #B0123C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0123C
}
```

Border

The CSS property to change the border of an element to Hex B0123C 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".

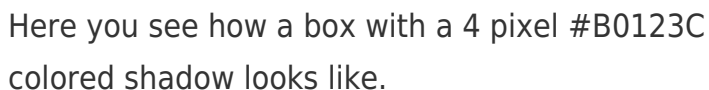
```
.border, #border, table{ border:4px solid
#B0123C }
```

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

```
.border{ border-color:#B0123C }
```

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

Here you see how a box with a 4 pixel #B0123C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0123C; -webkit-box-shadow:4px 4px  
4px 4px #B0123C; box-shadow:4px 4px 4px  
4px #B0123C }
```

Background

The CSS property to change the background color of an element to Hex B0123C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0123C }
```

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

```
.background{ background-color:#B0123C }
```

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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