

Converting Colors

Hex(B1003A)

Have a look what the booklet for
Hex(B1003A) contains.

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Color

Hex(B1003A)

Conversions

Conversions Part 1

Format	Color
Hex	B1003A
RGB	177, 0, 58
RGB Percent	69%, 0%, 23%
CMY	0.3059, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.67, 0.31
HSL	340°, 100%, 35%
HSV	340°, 100%, 69%
XYZ	18.8952, 9.6526, 4.8702
YIQ	59.5350, 86.8740, 55.5620

Conversions

Conversions Part 2

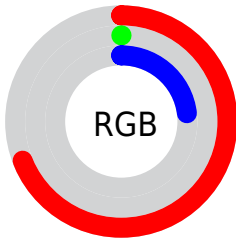
Format	Color
RYB	177, 0, 58
Decimal	11599930
CIELab	37.21, 62.45, 20.75
CIELCh	37, 65.811, 18.378
Yxy	9.6526, 0.5654, 0.2888
Android (android.graphics.Color)	4289790010 (0xFFB1003A)
YUV	59.5350, -0.7568, 103.0168
Hunter-Lab	31.0686, 54.1892, 12.4539

Details

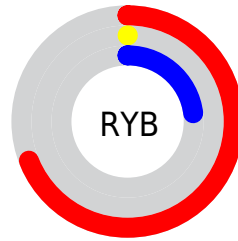
The Hex color **B1003A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B177**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **EF5069**, and **740011** is the 20% darker color. If you saturate the color by 10%, you get **B1003A**, and if you desaturate by 10%, it is **B11246**.

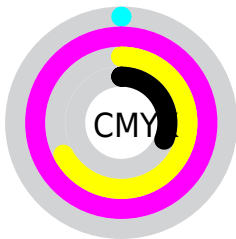
Distribution



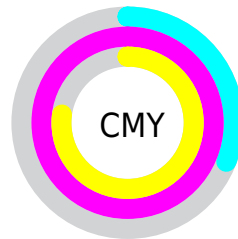
- Red (69%)
- Green (0%)
- Blue (23%)



- Red (69%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1003A 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 B1003A by changing the saturation by 10% instead.

 B1003A

 B1003A

FFFFFF

 920025

 EF5069

 740011

 FF6D82

 560001

 FF899C

 3A0002

 FFA6B6

 110000

 FFC3D2

 000000

 FFE0EE

FFFEFF

 B1003A

 B11246

 B12352

 B1355E

 B1476A

 B15976

 B16A81

 B17C8D

 B18E99

 B19FA5

Harmonies

Analogous

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



A9026F



B1003A



9F3200

Triad

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



B1003A



006800



0064C1

Complementary

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



B1003A



00B177

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.



006CA7



B1003A



006C40

Square

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



B1003A



4D5F00



006E78



0053BE

Rectangle

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



B1003A



8A4600



006E78



0068BB

Sweetspot

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



B1003A



E6A1B7



7600B1



734957



F2F2F2



737373

Same Dimension

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



B1003A



E6004B



B11D00



595053



990032



1A0008

Inverse Universe

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



B1003A



E6004B



0093B1



595053



990032



1A0008

Previews

White Background



This preview shows how the Hex color B1003A looks on a white background.

Color Contrast Check

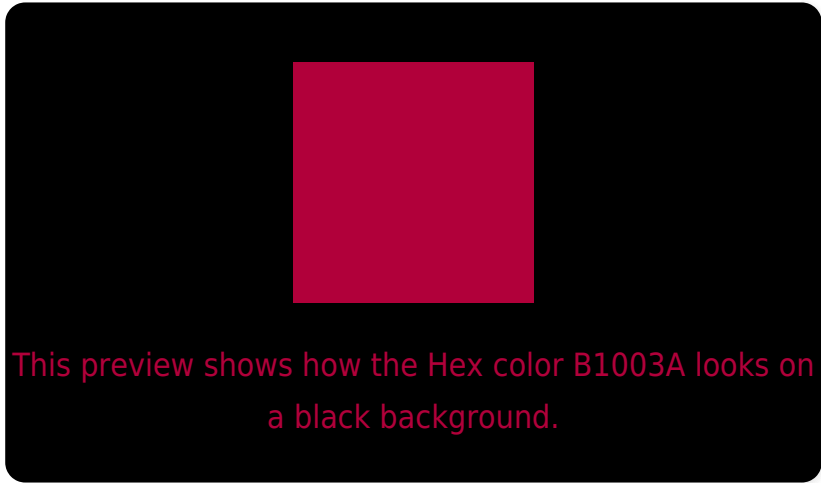
Large Text (above 18pt) WCAG AA ✓ Pass

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 B1003A Background



This preview shows how black text looks on a background with the Hex color B1003A.



This preview shows how white text looks on a background with the Hex color B1003A.

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
B1003A

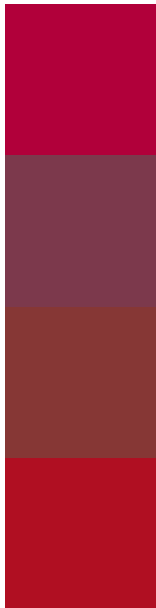
Protanopia
5D5A56

Deuteranopia
6E5632



Tritanopia
B01714

Trichromacy



Original Color
B1003A

Protanomaly
7C394C

Deuteranomaly
863735

Tritanomaly
B00F22

Monochromacy



Original Color
B1003A

Achromatopsia
3C3C3C

Achromatomaly
67263B

CSS Examples

Text

The CSS property to change the color of the text to Hex B1003A 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 #B1003A looks like.

```
.text, #text, p{  
    color:#B1003A  
}
```

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 #B1003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1003A
}
```

Border

The CSS property to change the border of an element to Hex B1003A 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
#B1003A }
```

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

```
.border{ border-color:#B1003A }
```

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

Here you see how a box with a 4 pixel #B1003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1003A; -webkit-box-shadow:4px 4px  
4px 4px #B1003A; box-shadow:4px 4px 4px  
4px #B1003A }
```

Background

The CSS property to change the background color of an element to Hex B1003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1003A }
```

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

```
.background{ background-color:#B1003A }
```

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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