

Converting Colors

Hex(B3003F)

Have a look what the booklet for
Hex(B3003F) contains.

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Color

Hex(B3003F)

Conversions

Conversions Part 1

Format	Color
Hex	B3003F
RGB	179, 0, 63
RGB Percent	70%, 0%, 25%
CMY	0.2980, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.65, 0.30
HSL	339°, 100%, 35%
HSV	339°, 100%, 70%
XYZ	19.4876, 9.9426, 5.5946
YIQ	60.7030, 86.4610, 57.5410

Conversions

Conversions Part 2

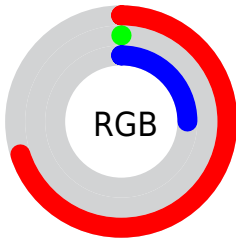
Format	Color
RYB	179, 0, 63
Decimal	11731007
CIELab	37.74, 63.20, 18.30
CIELCh	38, 65.795, 16.149
Yxy	9.9426, 0.5564, 0.2839
Android (android.graphics.Color)	4289921087 (0xFFB3003F)
YUV	60.7030, 1.1324, 103.7465
Hunter-Lab	31.5319, 55.1374, 11.5526

Details

The Hex color **B3003F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B374**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F1516E**, and **760016** is the 20% darker color. If you saturate the color by 10%, you get **B3003F**, and if you desaturate by 10%, it is **B3124B**.

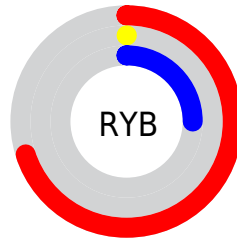
Distribution



Red (70%)

Green (0%)

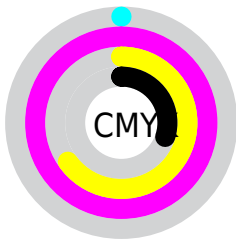
Blue (25%)



Red (70%)

Yellow (0%)

Blue (25%)

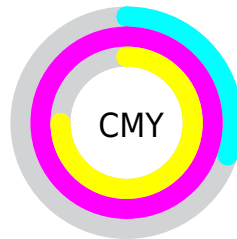


Cyan (0%)

Magenta (100%)

Yellow (65%)

Black (30%)



Cyan (30%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3003F 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 B3003F by changing the saturation by 10% instead.

 B3003F

 B3003F

FFFFFF

 940029

 F1516E

 760016

 FF6E87

 580001

 FF8AA2

 3C0003

 FFA7BC

 160000

 FFC4D8

 000000

 FFE1F5

 B3003F

 B3124B

 B32456

 B33662

 B3486D

 B35A79

 B36B85

 B37D90

 B38F9C

 B3A1A7

Harmonies

Analogous

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



A90C74



B3003F



A33007

Triad

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



B3003F



006900



0066C1

Complementary

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



B3003F



00B374

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.



006EA5



B3003F



006D3D

Square

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



B3003F



535F00



006F75



0056C1

Rectangle

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



B3003F



8E4500



006F75



006ABB

Sweetspot

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



B3003F



E8A2BB



7100B3



754B5A



F5F5F5



757575

Same Dimension

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



B3003F



E80052



B31800



595053



990036



1A0009

Inverse Universe

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



B3003F



E80052



009BB3



595053



990036



1A0009

Previews

White Background



This preview shows how the Hex color B3003F looks on a white background.

Color Contrast Check

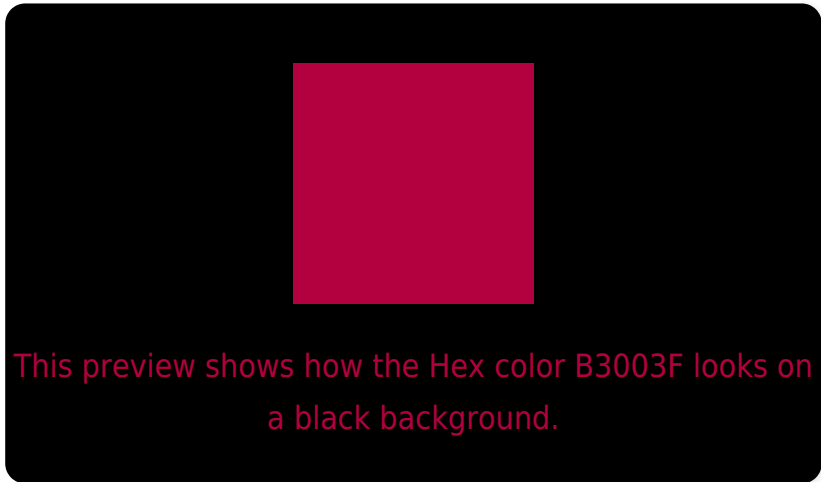
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3003F Background



This preview shows how black text looks on a background with the Hex color B3003F.

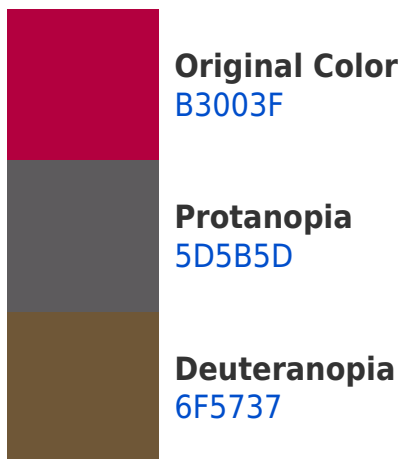


This preview shows how white text looks on a background with the Hex color B3003F.

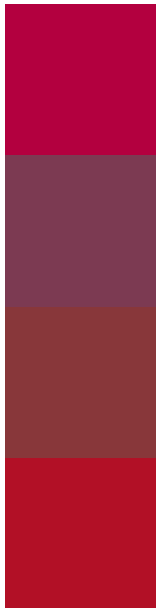
Color Blindness Simulation

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



Trichromacy



Original Color
B3003F

Protanomaly
7C3A52

Deuteranomaly
88373A

Tritanomaly
B21026

Monochromacy



Original Color
B3003F

Achromatopsia
3D3D3D

Achromatomaly
68273E

CSS Examples

Text

The CSS property to change the color of the text to Hex B3003F 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 #B3003F looks like.

```
.text, #text, p{  
    color:#B3003F  
}
```

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 #B3003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3003F
}
```

Border

The CSS property to change the border of an element to Hex B3003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

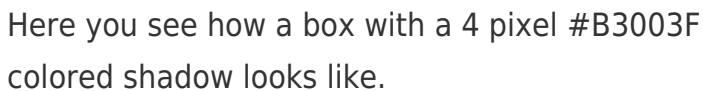
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3003F }
```

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

```
.border{ border-color:#B3003F }
```

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



Here you see how a box with a 4 pixel #B3003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3003F; -webkit-box-shadow:4px 4px  
4px 4px #B3003F; box-shadow:4px 4px 4px  
4px #B3003F }
```

Background

The CSS property to change the background color of an element to Hex B3003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3003F }
```

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

```
.background{ background-color:#B3003F }
```

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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