

Converting Colors

Hex(B0003D)

Have a look what the booklet for
Hex(B0003D) contains.

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Color

Hex(B0003D)

Conversions

Conversions Part 1

Format	Color
Hex	B0003D
RGB	176, 0, 61
RGB Percent	69%, 0%, 24%
CMY	0.3098, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.65, 0.31
HSL	339°, 100%, 35%
HSV	339°, 100%, 69%
XYZ	18.7468, 9.5670, 5.2734
YIQ	59.5780, 85.3150, 56.2830

Conversions

Conversions Part 2

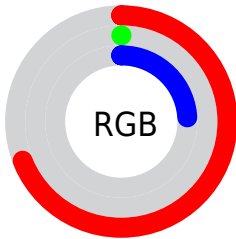
Format	Color
R_{YB}	176, 0, 61
Decimal	11534397
CIE _{Lab}	37.05, 62.37, 18.57
CIE _{LCh}	37, 65.074, 16.581
Yxy	9.5670, 0.5582, 0.2848
Android (android.graphics.Color)	4289724477 (0xFFB0003D)
YUV	59.5780, 0.7010, 102.1021
Hunter-Lab	30.9306, 54.0589, 11.5429

Details

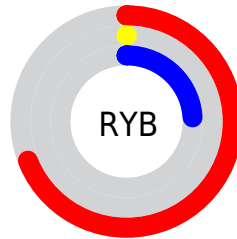
The Hex color **B0003D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B073**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **EE506C**, and **730014** is the 20% darker color. If you saturate the color by 10%, you get **B0003D**, and if you desaturate by 10%, it is **B01249**.

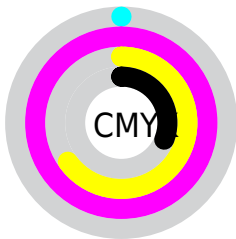
Distribution



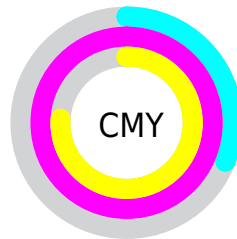
- Red (69%)
- Green (0%)
- Blue (24%)



- Red (69%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0003D 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 B0003D by changing the saturation by 10% instead.

 B0003D

 B0003D

FFFFFF

 920028

 EE506C

 730014

 FF6D85

 560001

 FF899F

 390002

 FFA6BA

 100000

 FFC3D6

 000000

 FFE0F2

FFFEFF

 B0003D

 B01249

 B02354

 B03560

 B0466B

 B05877

 B06A82

 B07B8E

 B08D99

 B09EA5

Harmonies

Analogous

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



A70A71



B0003D



A03005

Triad

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



B0003D



006700



0064BE

Complementary

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



B0003D



00B073

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.



006CA3



B0003D



006C3D

Square

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



B0003D



505E00



006D74



0054BD

Rectangle

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



B0003D



8B4400



006D74



0068B8

Sweetspot

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



B0003D



E6A1B9



7200B0



734958



F2F2F2



737373

Same Dimension

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



B0003D



E60050



B01A00



595053



990035



1A0009

Inverse Universe

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



B0003D



E60050



0096B0



595053



990035



1A0009

Previews

White Background



This preview shows how the Hex color B0003D looks on a white background.

Color Contrast Check

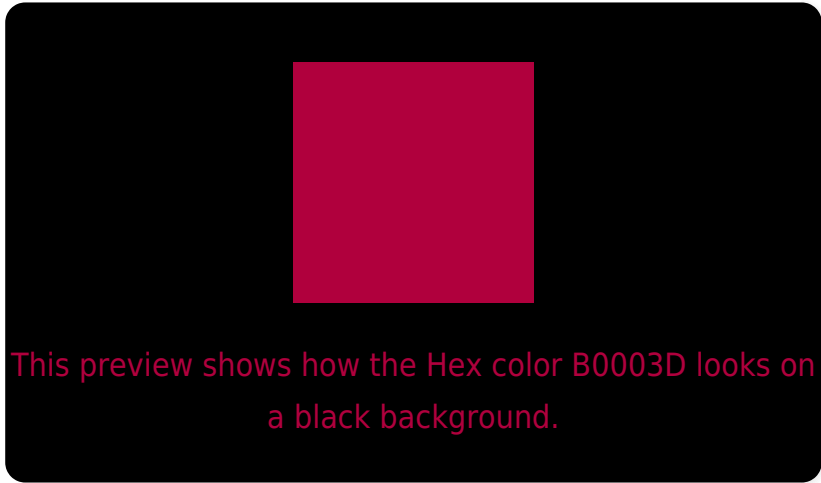
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0003D Background



This preview shows how black text looks on a background with the Hex color B0003D.

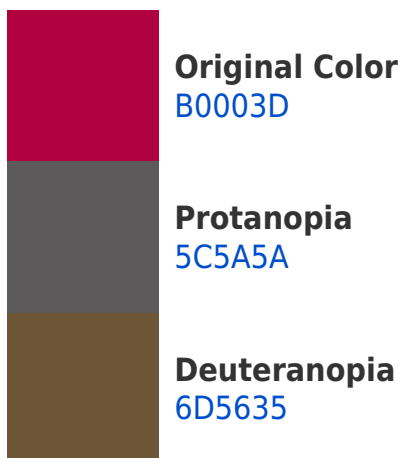


This preview shows how white text looks on a background with the Hex color B0003D.

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](#).

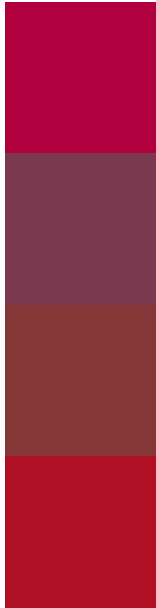
Dichromacy





Tritanopia
AF1916

Trichromacy



Original Color
B0003D

Protanomaly
7B394F

Deuteranomaly
853738

Tritanomaly
AF1024

Monochromacy



Original Color
B0003D

Achromatopsia
3C3C3C

Achromatomaly
66263C

CSS Examples

Text

The CSS property to change the color of the text to Hex B0003D 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 #B0003D looks like.

```
.text, #text, p{  
    color:#B0003D  
}
```

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 #B0003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0003D
}
```

Border

The CSS property to change the border of an element to Hex B0003D 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
#B0003D }
```

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

```
.border{ border-color:#B0003D }
```

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

Here you see how a box with a 4 pixel #B0003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0003D; -webkit-box-shadow:4px 4px  
4px 4px #B0003D; box-shadow:4px 4px 4px  
4px #B0003D }
```

Background

The CSS property to change the background color of an element to Hex B0003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0003D }
```

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

```
.background{ background-color:#B0003D }
```

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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