

Converting Colors

Hex(B00042)

Have a look what the booklet for
Hex(B00042) contains.

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Color

Hex(B00042)

Conversions

Conversions Part 1

Format	Color
Hex	B00042
RGB	176, 0, 66
RGB Percent	69%, 0%, 26%
CMY	0.3098, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.62, 0.31
HSL	338°, 100%, 35%
HSV	338°, 100%, 69%
XYZ	18.8879, 9.6235, 6.0163
YIQ	60.1480, 83.7100, 57.8380

Conversions

Conversions Part 2

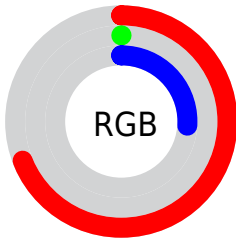
Format	Color
R_{YB}	176, 0, 66
Decimal	11534402
CIE _{Lab}	37.16, 62.65, 15.48
CIE _{LCh}	37, 64.531, 13.876
Yxy	9.6235, 0.5470, 0.2787
Android (android.graphics.Color)	4289724482 (0xFFB00042)
YUV	60.1480, 2.8850, 101.6022
Hunter-Lab	31.0217, 54.3935, 10.2166

Details

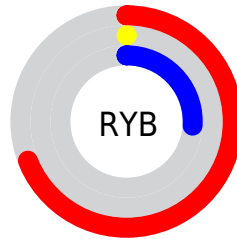
The Hex color **B00042** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B06E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **EE5071**, and **740018** is the 20% darker color. If you saturate the color by 10%, you get **B00042**, and if you desaturate by 10%, it is **B0124D**.

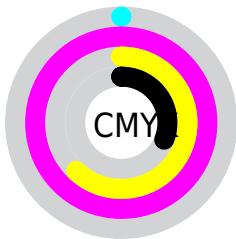
Distribution



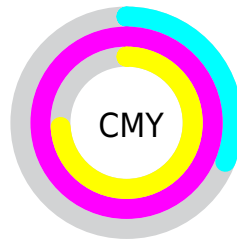
- Red (69%)
- Green (0%)
- Blue (26%)



- Red (69%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00042 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 B00042 by changing the saturation by 10% instead.

 B00042

 B00042

FFFFFF

 92002C

 EE5071

 740018

 FF6D8B

 560001

 FF89A5

 3A0002

 FFA6C0

 110000

 FFC3DC

 000000

 FFE0F8

 FFFEFF

 B00042

 B0124D

 B02358

 B03563

 B0466E

 B05879

 B06A84

 B07B8F

 B08D9A

 B09EA5

Harmonies

Analogous

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



A41276



B00042



A22E0D

Triad

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



B00042



016700



0066BD

Complementary

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



B00042



00B06E

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.



006C9F



B00042



006B38

Square

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



B00042



555D00



006D6F



0056BE

Rectangle

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



B00042



8E4200



006D6F



0069B6

Sweetspot

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



B00042



E6A1BA



6D00B0



734959



F2F2F2



737373

Same Dimension

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



B00042



E60056



B01500



595054



990039



1A000A

Inverse Universe

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



B00042



E60056



009BB0



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color B00042 looks on a white background.

Color Contrast Check

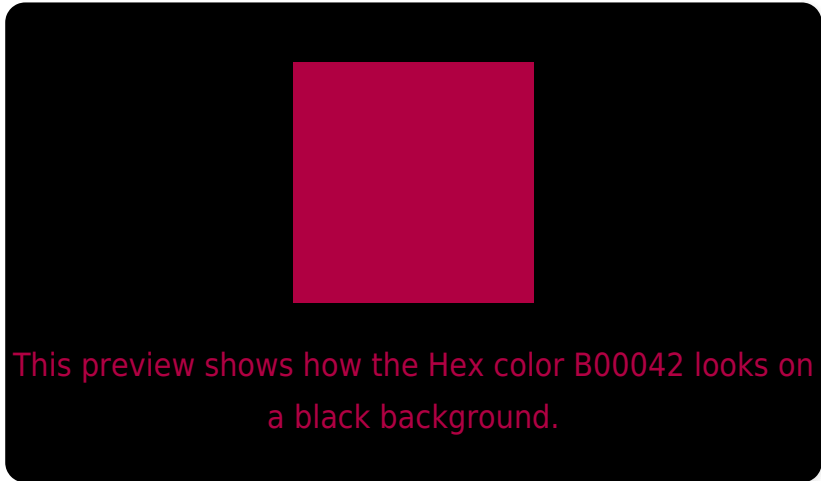
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00042 Background



This preview shows how black text looks on a background with the Hex color B00042.



This preview shows how white text looks on a background with the Hex color B00042.

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

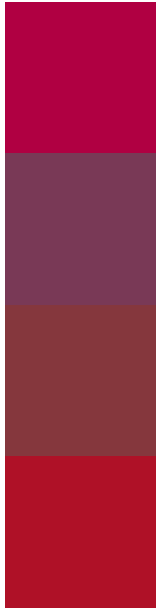


Original Color
B00042

Protanopia
5A5A61

Deuteranopia
6D563A

Trichromacy



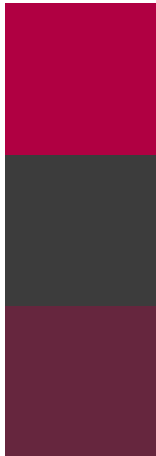
Original Color
B00042

Protanomaly
793956

Deuteranomaly
85373D

Tritanomaly
AF1127

Monochromacy



Original Color
B00042

Achromatopsia
3C3C3C

Achromatomaly
66263E

CSS Examples

Text

The CSS property to change the color of the text to Hex B00042 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 #B00042 looks like.

```
.text, #text, p{  
    color:#B00042  
}
```

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 #B00042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00042
}
```

Border

The CSS property to change the border of an element to Hex B00042 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
#B00042 }
```

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

```
.border{ border-color:#B00042 }
```

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

Here you see how a box with a 4 pixel #B00042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00042; -webkit-box-shadow:4px 4px  
4px 4px #B00042; box-shadow:4px 4px 4px  
4px #B00042 }
```

Background

The CSS property to change the background color of an element to Hex B00042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00042 }
```

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

```
.background{ background-color:#B00042 }
```

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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