

Converting Colors

Hex(B00016)

Have a look what the booklet for
Hex(B00016) contains.

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Color

Hex(B00016)

Conversions

Conversions Part 1

Format	Color
Hex	B00016
RGB	176, 0, 22
RGB Percent	69%, 0%, 9%
CMY	0.3098, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.88, 0.31
HSL	352°, 100%, 35%
HSV	352°, 100%, 69%
XYZ	18.0493, 9.2880, 1.6005
YIQ	55.1320, 97.8340, 44.1540

Conversions

Conversions Part 2

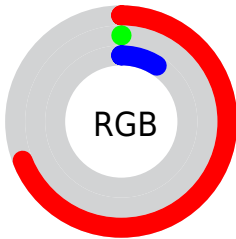
Format	Color
R_{YB}	176, 0, 22
Decimal	11534358
CIE Lab	36.53, 60.96, 41.58
CIE LCh	37, 73.790, 34.299
Yxy	9.2880, 0.6237, 0.3210
Android (android.graphics.Color)	4289724438 (0xFFB00016)
YUV	55.1320, -16.3341, 106.0012
Hunter-Lab	30.4763, 52.3816, 18.2197

Details

The Hex color **B00016** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00B09A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F04F43**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B00016**, and if you desaturate by 10%, it is **B01225**.

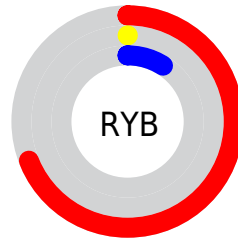
Distribution



Red (69%)

Green (0%)

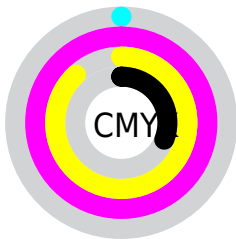
Blue (9%)



Red (69%)

Yellow (0%)

Blue (9%)

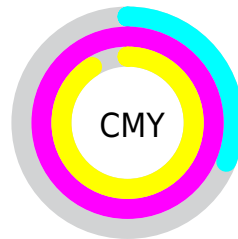


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (31%)



Cyan (31%)

Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00016 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 B00016 by changing the saturation by 10% instead.

 B00016

 B00016

 FFFFFC

 910000

 F04F43

 720000

 FF6B5B

 530001

 FF8874

 360002

 FFA48E

 080000

 FFC1A8

 000000

 FFDEC4

 FFFCE0

 B00016

 B01225

 B02335

 B03544

 B04654

 B05863

 B06A72

 B07B82

 B08D91

 B09EA1

Harmonies

Analogous

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



B80050



B00016



913D00

Triad

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



B00016



006A1C



005CCF

Complementary

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



B00016



00B09A

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.



0069C2



B00016



006D5D

Square

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



B00016



1D6400



006D98



5740BA

Rectangle

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



B00016



735000



006D98



0062CE

Sweetspot

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



B00016



E6A1A9



9900B0



73494F



F2F2F2



737373

Same Dimension

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



B00016



E6001D



B04100



595051



990013



1A0003

Inverse Universe

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



B00016



E6001D



006FB0



595051



990013



1A0003

Previews

White Background



This preview shows how the Hex color B00016 looks on a white background.

Color Contrast Check

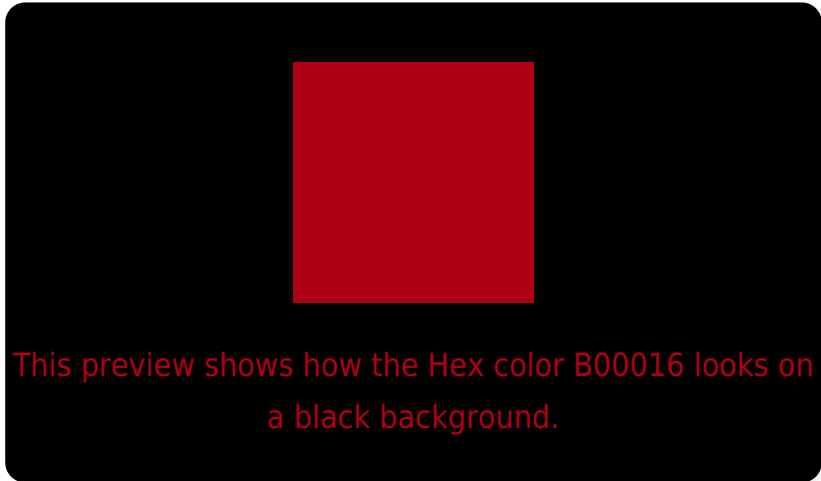
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00016 Background



This preview shows how black text looks on a background with the Hex color B00016.



This preview shows how white text looks on a background with the Hex color B00016.

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
B00016

Protanopia
635926

Deuteranopia
705400

Trichromacy



Original Color
B00016

Protanomaly
7F3920

Deuteranomaly
873508

Tritanomaly
AF0A08

Monochromacy



Original Color
B00016

Achromatopsia
373737

Achromatomaly
63232B

CSS Examples

Text

The CSS property to change the color of the text to Hex B00016 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 #B00016 looks like.

```
.text, #text, p{  
    color:#B00016  
}
```

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 #B00016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00016
}
```

Border

The CSS property to change the border of an element to Hex B00016 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".

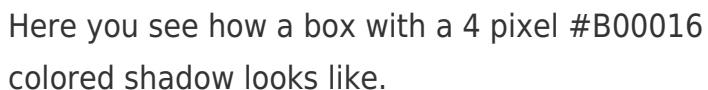
```
.border, #border, table{ border:4px solid
#B00016 }
```

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

```
.border{ border-color:#B00016 }
```

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

Here you see how a box with a 4 pixel #B00016 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00016; -webkit-box-shadow:4px 4px  
4px 4px #B00016; box-shadow:4px 4px 4px  
4px #B00016 }
```

Background

The CSS property to change the background color of an element to Hex B00016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00016 }
```

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

```
.background{ background-color:#B00016 }
```

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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