

Converting Colors

Hex(B00010)

Have a look what the booklet for
Hex(B00010) contains.

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Color

Hex(B00010)

Conversions

Conversions Part 1

Format	Color
Hex	B00010
RGB	176, 0, 16
RGB Percent	69%, 0%, 6%
CMY	0.3098, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.91, 0.31
HSL	355°, 100%, 35%
HSV	355°, 100%, 69%
XYZ	17.9980, 9.2675, 1.3304
YIQ	54.4480, 99.7600, 42.2880

Conversions

Conversions Part 2

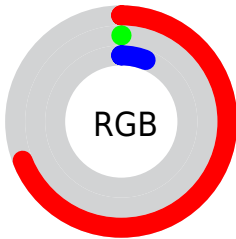
Format	Color
R_{YB}	176, 0, 16
Decimal	11534352
CIE _{Lab}	36.49, 60.85, 44.44
CIE _{LCh}	36, 75.354, 36.142
Yxy	9.2675, 0.6294, 0.3241
Android (android.graphics.Color)	4289724432 (0xFFB00010)
YUV	54.4480, -18.9549, 106.6011
Hunter-Lab	30.4426, 52.2568, 18.7187

Details

The Hex color **B00010** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00B0A0**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F04F3E**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **B00010**, and if you desaturate by 10%, it is **B01220**.

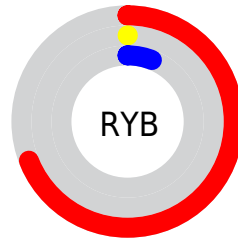
Distribution



Red (69%)

Green (0%)

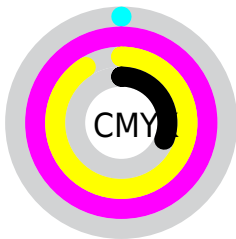
Blue (6%)



Red (69%)

Yellow (0%)

Blue (6%)

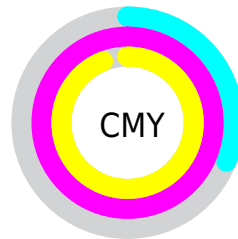


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (31%)



Cyan (31%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00010 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 B00010 by changing the saturation by 10% instead.

 B00010

 B00010

 FFFFFFF6

 910000

 F04F3E

 710000

 FF6B55

 530001

 FF886E

 360002

 FFA488

 070000

 FFC1A2

 000000

 FFDEBE

 FFFCDA

 B00010

 B01220

 B02330

 B03540


 B04650

 B05860

 B06A70

 B07B80

 B08D90

 B09EA0

Harmonies

Analogous

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



BA004D



B00010



8F3F00

Triad

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



B00010



006B1F



005BD1

Complementary

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



B00010



00B0A0

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.



0069C6



B00010



006D61

Square

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



B00010



0F6500



006D9D



5E3DBA

Rectangle

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



B00010



705100



006D9D



0061D1

Sweetspot

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



B00010



E6A1A7



9E00B0



73494D



F2F2F2



737373

Same Dimension

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



B00010



E60015



B04600



595051



99000E



1A0002

Inverse Universe

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



B00010



E60015



006AB0



595051



99000E



1A0002

Previews

White Background



This preview shows how the Hex color B00010 looks on a white background.

Color Contrast Check

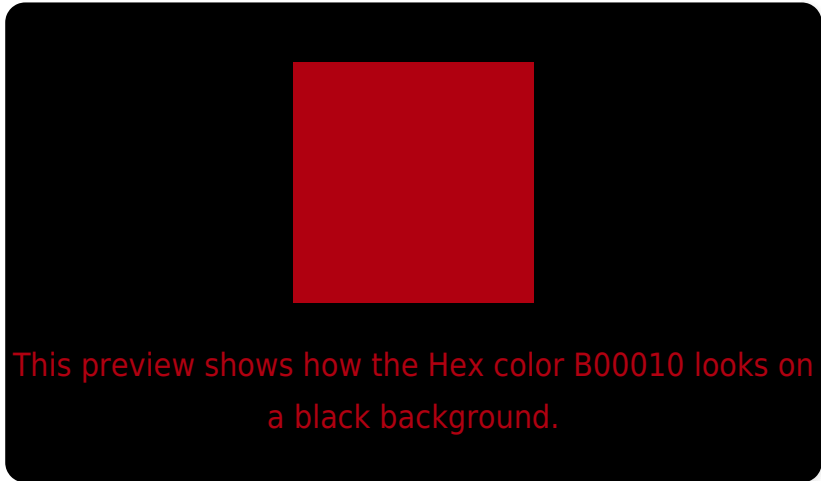
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00010 Background



This preview shows how black text looks on a background with the Hex color B00010.



This preview shows how white text looks on a background with the Hex color B00010.

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

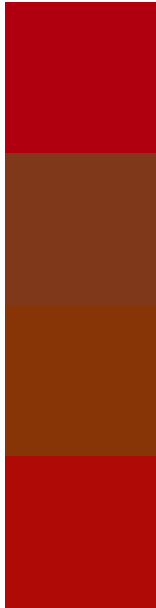


Original Color
B00010

Protanopia
63591F

Deuteranopia
705400

Trichromacy



Original Color
B00010

Protanomaly
7F391A

Deuteranomaly
873506

Tritanomaly
AF0A06

Monochromacy



Original Color
B00010

Achromatopsia
363636

Achromatomaly
622228

CSS Examples

Text

The CSS property to change the color of the text to Hex B00010 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 #B00010 looks like.

```
.text, #text, p{  
    color:#B00010  
}
```

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 #B00010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00010
}
```

Border

The CSS property to change the border of an element to Hex B00010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

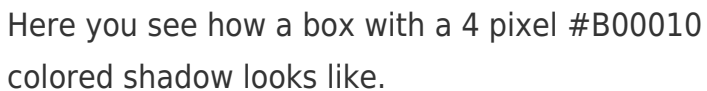
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B00010 }
```

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

```
.border{ border-color:#B00010 }
```

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



Here you see how a box with a 4 pixel `#B00010` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00010; -webkit-box-shadow:4px 4px  
4px 4px #B00010; box-shadow:4px 4px 4px  
4px #B00010 }
```

Background

The CSS property to change the background color of an element to Hex B00010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00010 }
```

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

```
.background{ background-color:#B00010 }
```

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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