

Converting Colors

Hex(B30009)

Have a look what the booklet for
Hex(B30009) contains.

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Color

Hex(B30009)

Conversions

Conversions Part 1

Format	Color
Hex	B30009
RGB	179, 0, 9
RGB Percent	70%, 0%, 4%
CMY	0.2980, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.95, 0.30
HSL	357°, 100%, 35%
HSV	357°, 100%, 70%
XYZ	18.6397, 9.6034, 1.1297
YIQ	54.5470, 103.7950, 40.7470

Conversions

Conversions Part 2

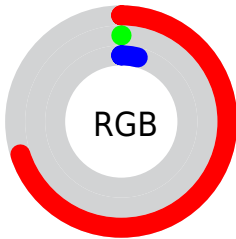
Format	Color
RYB	179, 0, 9
Decimal	11730953
CIELab	37.12, 61.52, 47.97
CIELCh	37, 78.013, 37.942
Yxy	9.6034, 0.6346, 0.3269
Android (android.graphics.Color)	4289921033 (0xFFB30009)
YUV	54.5470, -22.4547, 109.1453
Hunter-Lab	30.9894, 53.1339, 19.5313

Details

The Hex color **B30009** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00B3AA**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F34F38**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B30009**, and if you desaturate by 10%, it is **B3121A**.

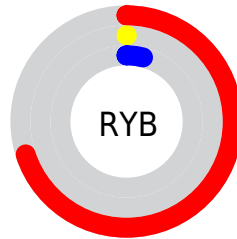
Distribution



Red (70%)

Green (0%)

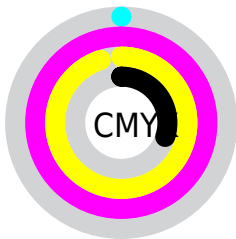
Blue (4%)



Red (70%)

Yellow (0%)

Blue (4%)

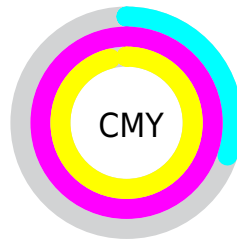


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (30%)



Cyan (30%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30009 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 B30009 by changing the saturation by 10% instead.

 B30009

 B30009

 FFFFF1

 940000

 F34F38

 740000

 FF6C50

 550001

 FF8869

 390002

 FFA583

 0F0000

 FFC29D

 000000

 FFDFB8

 FFFDD4

 B30009

 B3121A

 B3242B

 B3363C

 B3484D

 B35A5E

 B36B6F

 B37D80

 B38F91

 B3A1A2

Harmonies

Analogous

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



C0004A



B30009



904100

Triad

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



B30009



006D23



005BD7

Complementary

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



B30009



00B3AA

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.



006BCE



B30009



006F67

Square

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



B30009



006700



0070A4



663BBC

Rectangle

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



B30009



6F5400



0070A4



0062D8

Sweetspot

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



B30009



E8A2A6



A700B3



754B4D



F5F5F5



757575

Same Dimension

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



B30009



E8000C



B34E00



595051



990008



1A0001

Inverse Universe

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



B30009



E8000C



0065B3



595051



990008



1A0001

Previews

White Background



This preview shows how the Hex color B30009 looks on a white background.

Color Contrast Check

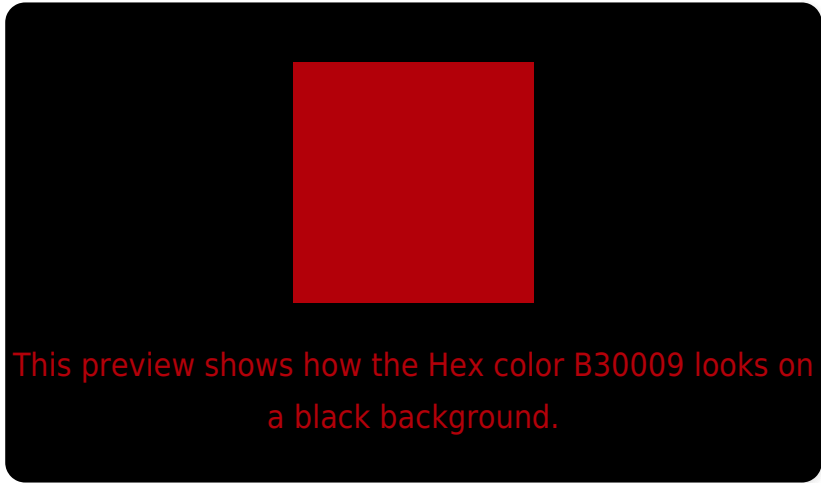
Large Text (above 18pt) WCAG AA ✓ Pass

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 B30009 Background



This preview shows how black text looks on a background with the Hex color B30009.



This preview shows how white text looks on a background with the Hex color B30009.

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
B30009

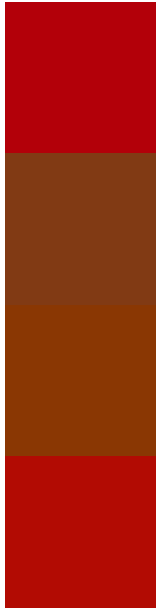
Protanopia
655B1A

Deuteranopia
725600



Tritanopia
B21100

Trichromacy



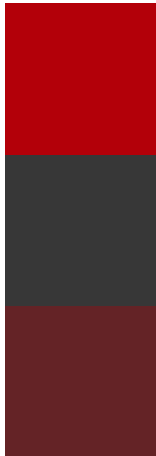
Original Color
B30009

Protanomaly
813A14

Deuteranomaly
8A3703

Tritanomaly
B20B03

Monochromacy



Original Color
B30009

Achromatopsia
373737

Achromatomaly
642326

CSS Examples

Text

The CSS property to change the color of the text to Hex B30009 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 #B30009 looks like.

```
.text, #text, p{  
    color:#B30009  
}
```

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 #B30009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30009
}
```

Border

The CSS property to change the border of an element to Hex B30009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

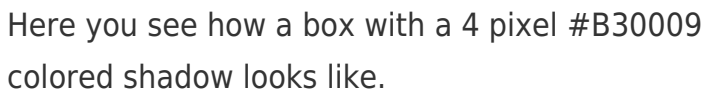
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B30009 }
```

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

```
.border{ border-color:#B30009 }
```

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



Here you see how a box with a 4 pixel #B30009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30009; -webkit-box-shadow:4px 4px  
4px 4px #B30009; box-shadow:4px 4px 4px  
4px #B30009 }
```

Background

The CSS property to change the background color of an element to Hex B30009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30009 }
```

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

```
.background{ background-color:#B30009 }
```

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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