

Converting Colors

Hex(B80008)

Have a look what the booklet for
Hex(B80008) contains.

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Color

Hex(B80008)

Conversions

Conversions Part 1

Format	Color
Hex	B80008
RGB	184, 0, 8
RGB Percent	72%, 0%, 3%
CMY	0.2784, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.96, 0.28
HSL	357°, 100%, 36%
HSV	357°, 100%, 72%
XYZ	19.8110, 10.2079, 1.1559
YIQ	55.9280, 107.0960, 41.4960

Conversions

Conversions Part 2

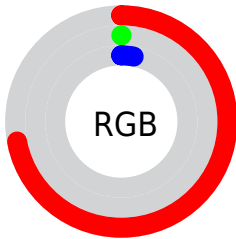
Format	Color
RYB	184, 0, 8
Decimal	12058632
CIELab	38.21, 62.78, 49.51
CIELCh	38, 79.956, 38.264
Yxy	10.2079, 0.6355, 0.3274
Android (android.graphics.Color)	4290248712 (0xFFB80008)
YUV	55.9280, -23.6285, 112.3191
Hunter-Lab	31.9498, 54.7698, 20.2198

Details

The Hex color **B80008** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **00B8B0**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **F95038**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B80008**, and if you desaturate by 10%, it is **B8121A**.

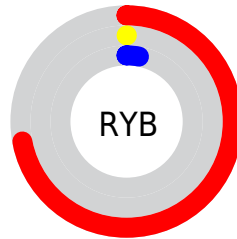
Distribution



Red (72%)

Green (0%)

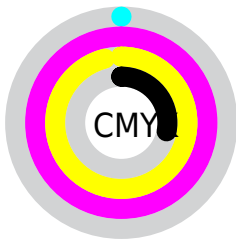
Blue (3%)



Red (72%)

Yellow (0%)

Blue (3%)

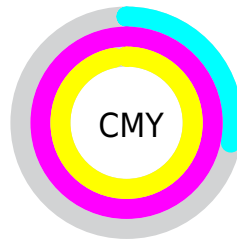


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (28%)



Cyan (28%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80008 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 B80008 by changing the saturation by 10% instead.

 B80008

 B80008

 FFFFF1

 980000

 F95038

 790000

 FF6D50

 5A0000

 FF8A69

 3D0003

 FFA783

 190001

 FFC39D

 000000

 FFE1B9

 FFFFD4

 B80008

 B8121A

 B8252B

 B8373D

 B84A4E

 B85C60

 B86E72

 B88183

 B89395

 B8A6A6

Harmonies

Analogous

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



C5004C



B80008



934400

Triad

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



B80008



007025



005EDD

Complementary

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



B80008



00B8B0

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.



006ED4



B80008



00736B

Square

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



B80008



006A00



0073AA



6A3CC2

Rectangle

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



B80008



725700



0073AA



0065DF

Sweetspot

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



B80008



F0A8AB



AF00B8



784D4F



F7F7F7



787878

Same Dimension

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



B80008



F0000A



B85300



5C5353



9C0007



1C0001

Inverse Universe

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



B80008



F0000A



0065B8



5C5353



9C0007



1C0001

Previews

White Background



This preview shows how the Hex color B80008 looks on a white background.

Color Contrast Check

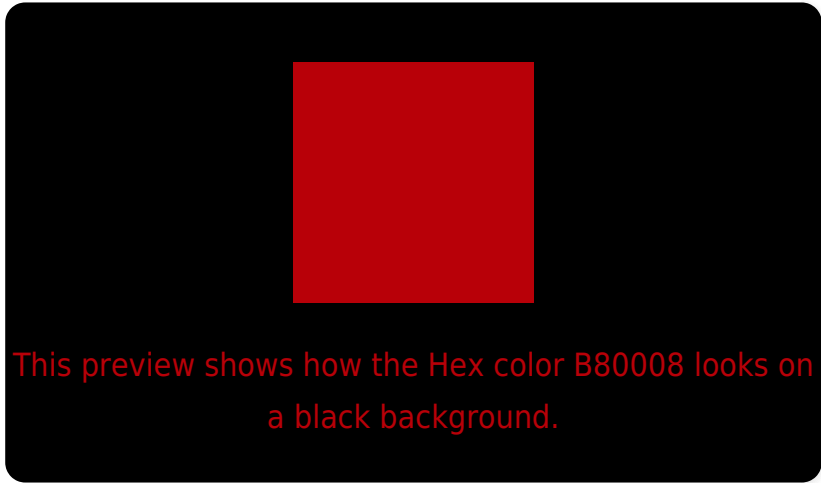
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B80008 Background



This preview shows how black text looks on a background with the Hex color B80008.



This preview shows how white text looks on a background with the Hex color B80008.

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
B80008

Protanopia
685D1A

Tritanopia
B71100

Trichromacy



Original Color
B80008

Protanomaly
853B13

Tritanomaly
B70B03

Monochromacy



Original Color
B80008

Achromatopsia
383838

Achromatomaly
672427

CSS Examples

Text

The CSS property to change the color of the text to Hex B80008 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 #B80008 looks like.

```
.text, #text, p{  
    color:#B80008  
}
```

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 #B80008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80008
}
```

Border

The CSS property to change the border of an element to Hex B80008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

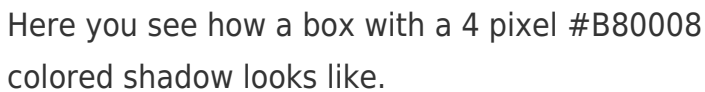
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B80008 }
```

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

```
.border{ border-color:#B80008 }
```

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



Here you see how a box with a 4 pixel #B80008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80008; -webkit-box-shadow:4px 4px  
4px 4px #B80008; box-shadow:4px 4px 4px  
4px #B80008 }
```

Background

The CSS property to change the background color of an element to Hex B80008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80008 }
```

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

```
.background{ background-color:#B80008 }
```

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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