

Converting Colors

Hex(B8001F)

Have a look what the booklet for
Hex(B8001F) contains.

Hex(B8001F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B8001F)

Conversions

Conversions Part 1

Format	Color
Hex	B8001F
RGB	184, 0, 31
RGB Percent	72%, 0%, 12%
CMY	0.2784, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.83, 0.28
HSL	350°, 100%, 36%
HSV	350°, 100%, 72%
XYZ	20.0145, 10.2893, 2.2275
YIQ	58.5500, 99.7130, 48.6490

Conversions

Conversions Part 2

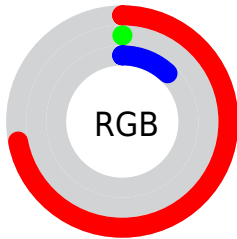
Format	Color
RYB	184, 0, 31
Decimal	12058655
CIELab	38.36, 63.17, 39.02
CIELCh	38, 74.250, 31.703
Yxy	10.2893, 0.6152, 0.3163
Android (android.graphics.Color)	4290248735 (0xFFB8001F)
YUV	58.5500, -13.5821, 110.0196
Hunter-Lab	32.0769, 55.2411, 18.3366

Details

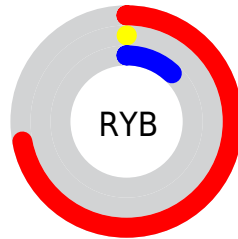
The Hex color **B8001F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00B899**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **F8514C**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B8001F**, and if you desaturate by 10%, it is **B8122E**.

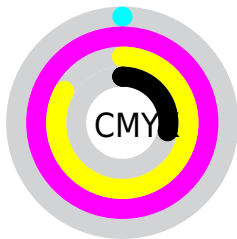
Distribution



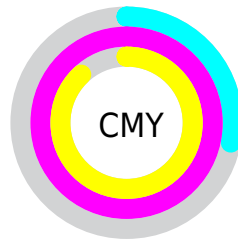
- Red (72%)
- Green (0%)
- Blue (12%)



- Red (72%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8001F 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 B8001F by changing the saturation by 10% instead.

 B8001F

 B8001F

FFFFFF

 980009

 F8514C

 790000

 FF6E64

 5A0000

 FF8A7D

 3E0003

 FFA797

 1A0001

 FFC4B2

 000000

 FFE1CE

 FFFFEA

 B8001F

 B8122E

 B8253E

 B8374D

 B84A5C

 B85C6C

 B86E7B

 B8818A

 B89399

 B8A6A9

Harmonies

Analogous

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



BE005A



B8001F



9A3E00

Triad

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



B8001F



006F19



0062D5

Complementary

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



B8001F



00B899

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.



006FC6



B8001F



00725C

Square

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



B8001F



2B6800



007299



5148C3

Rectangle

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



B8001F



7D5200



007299



0068D4

Sweetspot

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



B8001F



F0A8B4



9600B8



784D54



F7F7F7



787878

Same Dimension

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



B8001F



F00028



B83A00



5C5354



9C001A



1C0005

Inverse Universe

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



B8001F



F00028



007EB8



5C5354



9C001A



1C0005

Previews

White Background



This preview shows how the Hex color B8001F looks on a white background.

Color Contrast Check

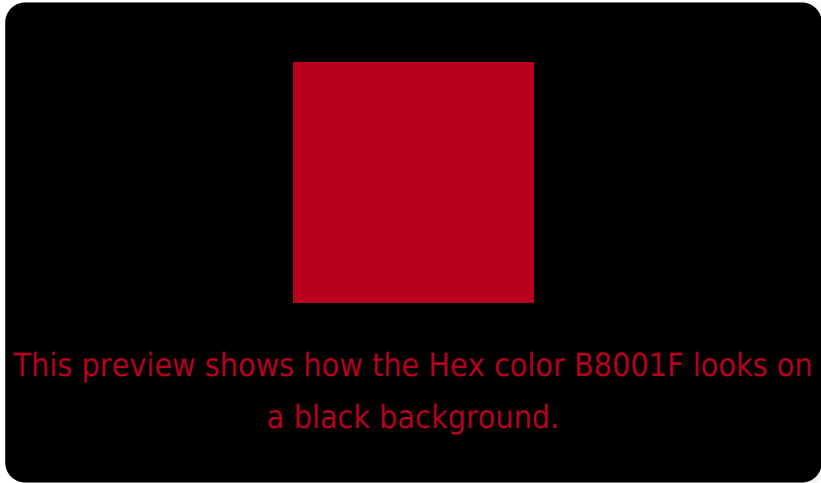
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8001F Background



This preview shows how black text looks on a background with the Hex color B8001F.



This preview shows how white text looks on a background with the Hex color B8001F.

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
B8001F

Protanopia
675D31

Deuteranopia
76580B



Tritanopia
B71000

Trichromacy



Original Color
B8001F

Protanomaly
843B2A

Deuteranomaly
8E3812

Tritanomaly
B70A0B

Monochromacy



Original Color
B8001F

Achromatopsia
3B3B3B

Achromatomaly
682631

CSS Examples

Text

The CSS property to change the color of the text to Hex B8001F 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 #B8001F looks like.

```
.text, #text, p{  
    color:#B8001F  
}
```

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 #B8001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8001F
}
```

Border

The CSS property to change the border of an element to Hex B8001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

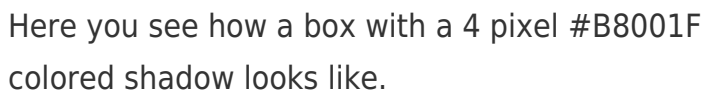
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8001F }
```

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

```
.border{ border-color:#B8001F }
```

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



Here you see how a box with a 4 pixel `#B8001F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8001F; -webkit-box-shadow:4px 4px  
4px 4px #B8001F; box-shadow:4px 4px 4px  
4px #B8001F }
```

Background

The CSS property to change the background color of an element to Hex B8001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8001F }
```

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

```
.background{ background-color:#B8001F }
```

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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