

Converting Colors

Hex(B8122D)

Have a look what the booklet for
Hex(B8122D) contains.

Hex(B8122D)	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(B8122D)

Conversions

Conversions Part 1

Format	Color
Hex	B8122D
RGB	184, 18, 45
RGB Percent	72%, 7%, 18%
CMY	0.2784, 0.9294, 0.8235
CMYK	0.00, 0.90, 0.76, 0.28
HSL	350°, 82%, 40%
HSV	350°, 90%, 72%
XYZ	20.4571, 10.8124, 3.4914
YIQ	70.7120, 90.2690, 43.5890

Conversions

Conversions Part 2

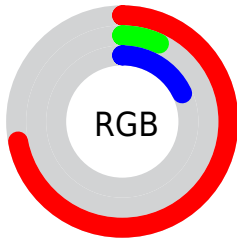
Format	Color
RYB	184, 18, 45
Decimal	12063277
CIELab	39.26, 61.44, 31.74
CIELCh	39, 69.157, 27.321
Yxy	10.8124, 0.5885, 0.3111
Android (android.graphics.Color)	4290253357 (0xFFB8122D)
YUV	70.7120, -12.6760, 99.3536
Hunter-Lab	32.8822, 53.5068, 16.7222

Details

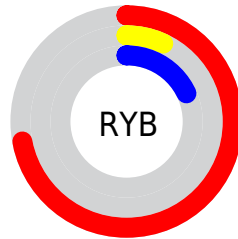
The Hex color **B8122D** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **12B89D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **F7575B**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B8001E**, and if you desaturate by 10%, it is **B8243C**.

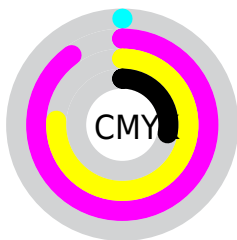
Distribution



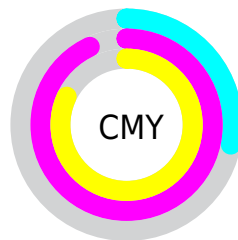
- Red (72%)
- Green (7%)
- Blue (18%)



- Red (72%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (76%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8122D 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 B8122D by changing the saturation by 10% instead.

 B8122D

 B8122D

FFFFFF

 990018

 F7575B

 7A0000

 FF7373

 5C0000

 FF908D

 400003

 FFACA7

 1D0001

 FFC9C3

 000000

 FFE6DF

 FFFFFB

 B8122D

 B8122D

 B8001E

 B8243C

 B8374C

 B8495B

 B85C6B

 B86E7A

 B88089

 B89399

 B8A5A8

 B8B8B8

Harmonies

Analogous

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



B90064



B8122D



9F3F00

Triad

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



B8122D



007017



0066CF

Complementary

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



B8122D



12B89D

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.



0070BC



B8122D



007356

Square

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



B8122D



3E6800



00748F



4450C2

Rectangle

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



B8122D



855100



00748F



006ACC

Sweetspot

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



B8122D



F0AFBA



9C12B8



785158



F7F7F7



787878

Same Dimension

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



B8122D



F00027



B84912



5C5354



9C0019



1C0005

Inverse Universe

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



B8122D



F00027



1281B8



5C5354



9C0019



1C0005

Previews

White Background



This preview shows how the Hex color B8122D looks on a white background.

Color Contrast Check

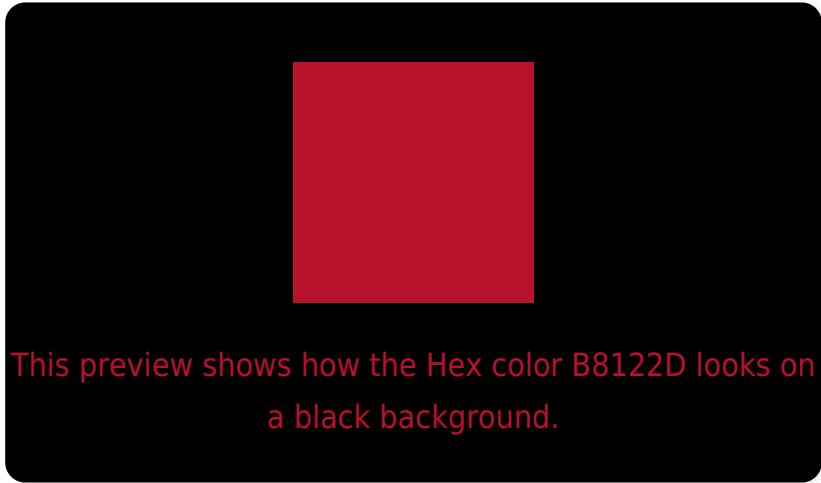
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8122D Background



This preview shows how black text looks on a background with the Hex color B8122D.



This preview shows how white text looks on a background with the Hex color B8122D.

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
B8122D

Protanopia
665E43

Deuteranopia
765A23



Tritanopia
B81815

Trichromacy



Original Color
B8122D

Protanomaly
84423B

Deuteranomaly
8E4027

Tritanomaly
B8161E

Monochromacy



Original Color
B8122D

Achromatopsia
474747

Achromatomaly
70343E

CSS Examples

Text

The CSS property to change the color of the text to Hex B8122D 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 #B8122D looks like.

```
.text, #text, p{  
    color:#B8122D  
}
```

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 #B8122D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8122D }  
}
```

Border

The CSS property to change the border of an element to Hex B8122D is called "border". The border property can be set on classes, ids or directly on the HTML element.

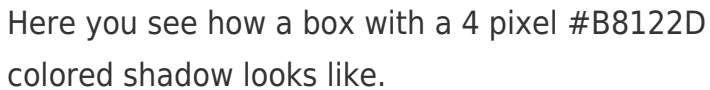
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B8122D }  
}
```

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

```
.border{ border-color:#B8122D }
```

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



Here you see how a box with a 4 pixel `#B8122D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8122D; -webkit-box-shadow:4px 4px  
4px 4px #B8122D; box-shadow:4px 4px 4px  
4px #B8122D }
```

Background

The CSS property to change the background color of an element to Hex B8122D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8122D }
```

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

```
.background{ background-color:#B8122D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor