

Converting Colors

Hex(B7213A)

Have a look what the booklet for
Hex(B7213A) contains.

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Color

Hex(B7213A)

Conversions

Conversions Part 1

Format	Color
Hex	B7213A
RGB	183, 33, 58
RGB Percent	72%, 13%, 23%
CMY	0.2824, 0.8706, 0.7725
CMYK	0.00, 0.82, 0.68, 0.28
HSL	350°, 69%, 42%
HSV	350°, 82%, 72%
XYZ	20.8360, 11.4605, 5.1169
YIQ	80.7000, 81.3750, 39.5750

Conversions

Conversions Part 2

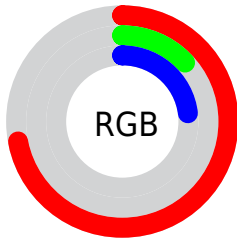
Format	Color
R_{YB}	183, 33, 58
Decimal	12001594
CIE Lab	40.35, 58.61, 24.97
CIE LCh	40, 63.713, 23.077
Yxy	11.4605, 0.5569, 0.3063
Android (android.graphics.Color)	4290191674 (0xFFB7213A)
YUV	80.7000, -11.1911, 89.7171
Hunter-Lab	33.8533, 50.6197, 14.7357

Details

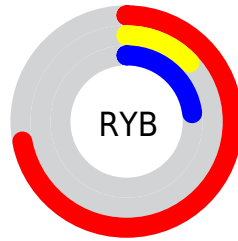
The Hex color **B7213A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **21B79E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F55E69**, and **7A0011** is the 20% darker color. If you saturate the color by 10%, you get **B70F2B**, and if you desaturate by 10%, it is **B73349**.

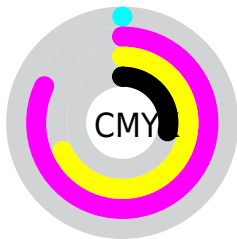
Distribution



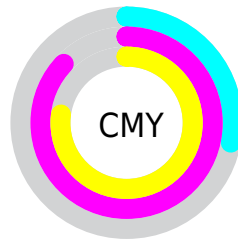
- Red (72%)
- Green (13%)
- Blue (23%)



- Red (72%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (82%)
- Yellow (68%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7213A 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 B7213A by changing the saturation by 10% instead.

 B7213A

 B7213A

FFFFFF

 980025

 F55E69

 7A0011

 FF7A82

 5C0000

 FF969C

 410003

 FFB3B7

 1F0001

 FFD0D2

 000000

 FFEDEF

 B7213A

 B7213A

 B70F2B

 B73349

 B7001F

 B74659

 B75868

 B76A77

 B77D86

 B78F96

 B7A1A5

 B7B3B4

 B7C6C3

Harmonies

Analogous

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



B31A6E



B7213A



A34001

Triad

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



B7213A



007118



0069C8

Complementary

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



B7213A



21B79E

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.



0073B2



B7213A



007551

Square

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



B7213A



4D6800



007587



3957C0

Rectangle

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



B7213A



8C5200



007587



006DC4

Sweetspot

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



B7213A



EDB2BC



9E21B7



78545A



F7F7F7



787878

Same Dimension

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



B7213A



ED052B



B75321



5C5354



9C001A



1C0005

Inverse Universe

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



B7213A



ED052B



2185B7



5C5354



9C001A



1C0005

Previews

White Background



This preview shows how the Hex color B7213A 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 B7213A Background



This preview shows how black text looks on a background with the Hex color B7213A.



This preview shows how white text looks on a background with the Hex color B7213A.

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
B7213A

Protanopia
656052

Deuteranopia
765C32

Trichromacy



Original Color
B7213A

Protanomaly
834949

Deuteranomaly
8E4735

Tritanomaly
B6242D

Monochromacy



Original Color
B7213A

Achromatopsia
515151

Achromatomaly
764049

CSS Examples

Text

The CSS property to change the color of the text to Hex B7213A 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 #B7213A looks like.

```
.text, #text, p{  
    color:#B7213A  
}
```

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 #B7213A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7213A
}
```

Border

The CSS property to change the border of an element to Hex B7213A 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
#B7213A }
```

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

```
.border{ border-color:#B7213A }
```

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

Here you see how a box with a 4 pixel #B7213A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7213A; -webkit-box-shadow:4px 4px  
4px 4px #B7213A; box-shadow:4px 4px 4px  
4px #B7213A }
```

Background

The CSS property to change the background color of an element to Hex B7213A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7213A }
```

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

```
.background{ background-color:#B7213A }
```

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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