

Converting Colors

Hex(B7435C)

Have a look what the booklet for
Hex(B7435C) contains.

Hex(B7435C)	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(B7435C)

Conversions

Conversions Part 1

Format	Color
Hex	B7435C
RGB	183, 67, 92
RGB Percent	72%, 26%, 36%
CMY	0.2824, 0.7373, 0.6392
CMYK	0.00, 0.63, 0.50, 0.28
HSL	347°, 46%, 49%
HSV	347°, 63%, 72%
XYZ	23.4674, 14.8543, 11.7555
YIQ	104.5340, 61.1110, 32.3670

Conversions

Conversions Part 2

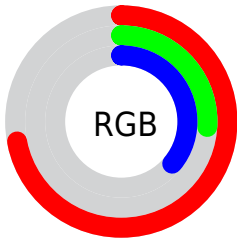
Format	Color
R_{YB}	183, 67, 92
Decimal	12010332
CIE _{Lab}	45.43, 48.87, 10.69
CIE _{LCh}	45, 50.027, 12.335
Yxy	14.8543, 0.4686, 0.2966
Android (android.graphics.Color)	4290200412 (0xFFB7435C)
YUV	104.5340, -6.1793, 68.8147
Hunter-Lab	38.5413, 41.2395, 8.8948

Details

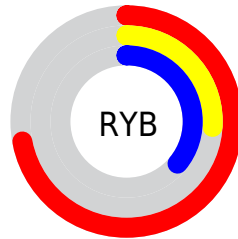
The Hex color **B7435C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **43B79E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F3798E**, and **7D002F** is the 20% darker color. If you saturate the color by 10%, you get **B7314E**, and if you desaturate by 10%, it is **B7556A**.

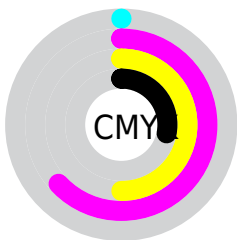
Distribution



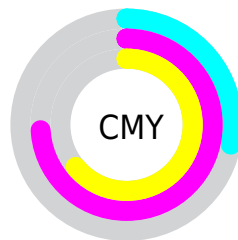
- Red (72%)
- Green (26%)
- Blue (36%)



- Red (72%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (50%)
- Black (28%)



- Cyan (28%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7435C 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 B7435C by changing the saturation by 10% instead.

 B7435C

 B7435C

FFFFFF

 9A2745

 F3798E

 7D002F

 FF94A8

 60001A

 FFB0C4

 450000

 FFCCDF

 2A0001

 FFE9FC

 000000

 B7435C

 B7435C

 B7314E

 B7556A

 B71E3F

 B76879

 B70C31

 B77A87

 B70027

 B78C95

 B79FA4

 B7B1B2

 B7C3C0

 B7D5CF

 B7E8DD

Harmonies

Analogous

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



AA4786



B7435C



AE4F35

Triad

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



B7435C



417929



0077BB

Complementary

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



B7435C



43B79E

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.



007EA3



B7435C



007E51

Square

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



B7435C



706F0B



007F7C



356ABE

Rectangle

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



B7435C



9F5B1F



007F7C



007AB5

Sweetspot

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



B7435C



EDC0CA



9E43B7



785C62



F7F7F7



787878

Same Dimension

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



B7435C



ED3960



B76443



5C5355



9C0022



1C0006

Inverse Universe

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



B7435C



ED3960



4396B7



5C5355



9C0022



1C0006

Previews

White Background



This preview shows how the Hex color B7435C looks on a white background.

Color Contrast Check

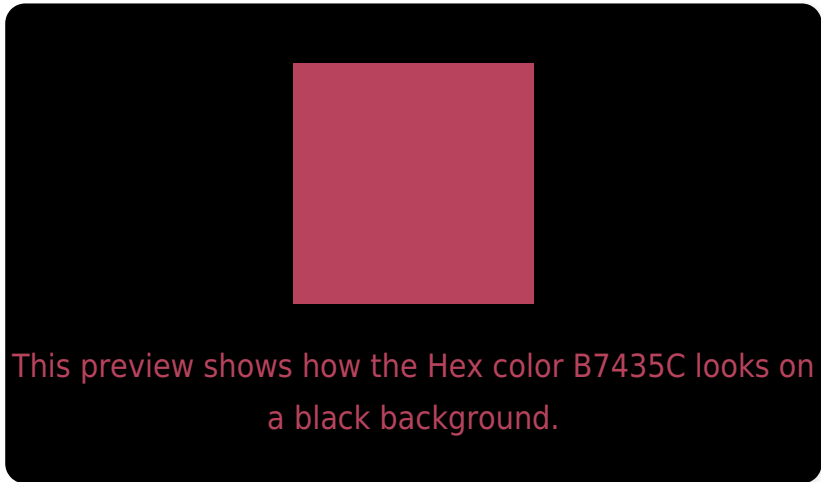
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7435C Background



This preview shows how black text looks on a background with the Hex color B7435C.



This preview shows how white text looks on a background with the Hex color B7435C.

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](#).

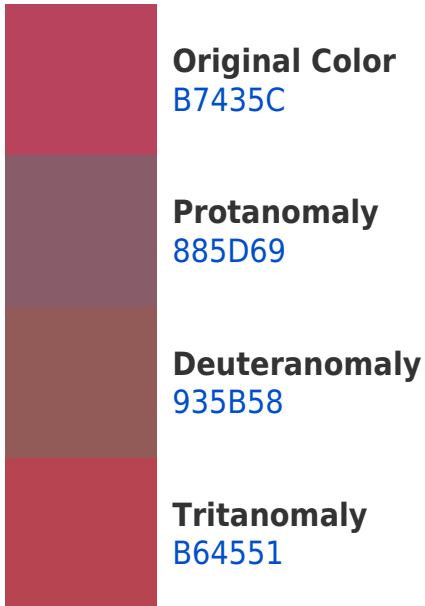
Dichromacy



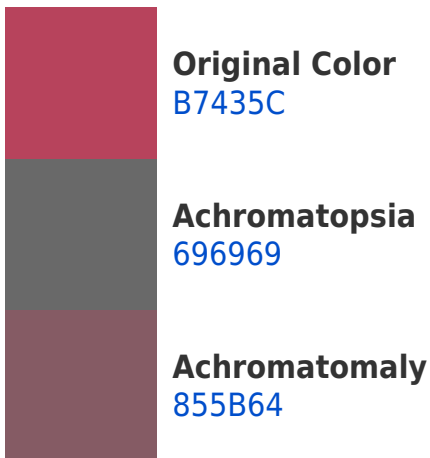


Tritanopia
B6464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7435C 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 #B7435C looks like.

```
.text, #text, p{  
  color:#B7435C  
}
```

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 #B7435C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7435C
}
```

Border

The CSS property to change the border of an element to Hex B7435C is called "border". The border property can be set on classes, ids or directly on the HTML element.

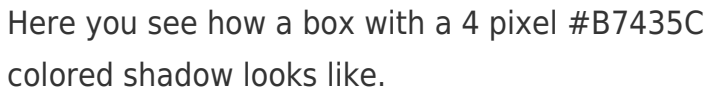
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7435C }
```

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

```
.border{ border-color:#B7435C }
```

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



Here you see how a box with a 4 pixel #B7435C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7435C; -webkit-box-shadow:4px 4px  
4px 4px #B7435C; box-shadow:4px 4px 4px  
4px #B7435C }
```

Background

The CSS property to change the background color of an element to Hex B7435C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7435C }
```

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

```
.background{ background-color:#B7435C }
```

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