

# Converting Colors

Hex(B9535C)

Have a look what the booklet for  
Hex(B9535C) contains.

<b>Hex(B9535C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B9535C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B9535C
RGB	185, 83, 92
RGB Percent	73%, 33%, 36%
CMY	0.2745, 0.6745, 0.6392
CMYK	0.00, 0.55, 0.50, 0.27
HSL	355°, 42%, 53%
HSV	355°, 55%, 73%
XYZ	25.0326, 17.2735, 12.1400
YIQ	114.5240, 57.9030, 24.4230

# Conversions

## Conversions Part 2

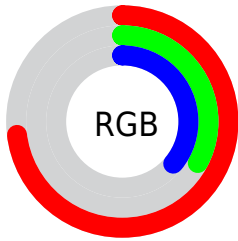
Format	Color
R <sub>Y</sub> B	185, 83, 92
Decimal	12145500
CIE Lab	48.60, 42.04, 15.12
CIE LCh	49, 44.676, 19.787
Yxy	17.2735, 0.4598, 0.3173
Android (android.graphics.Color)	4290335580 (0xFFB9535C)
YUV	114.5240, -11.1043, 61.8075
Hunter-Lab	41.5614, 34.7788, 11.7745

# Details

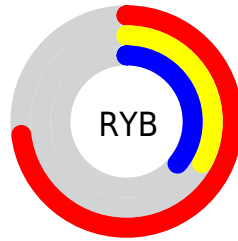
The Hex color **B9535C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53B9B0**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F5888E**, and **7F1E2E** is the 20% darker color. If you saturate the color by 10%, you get **B9414B**, and if you desaturate by 10%, it is **B9666D**.

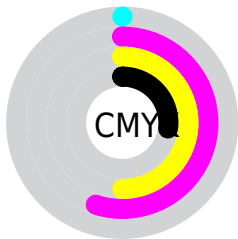
# Distribution



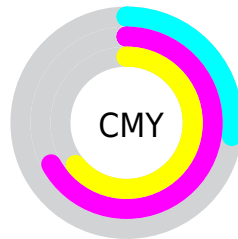
- Red (73%)
- Green (33%)
- Blue (36%)



- Red (73%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (50%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9535C 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 B9535C by changing the saturation by 10% instead.



 B9535C

 B9535C

FFFFFF

 9C3945

 F5888E

 7F1E2E

 FFA3A8

 63001A

 FFBFC4

 480000

 FFD8E0

 2F0002

 FFF8FC

 000000

 B9535C

 B9535C

 B9414B

 B9666D

 B92E3A

 B9787E

 B91C29

 B98B8F

 B90919

 B99D9F

 B90010

 B9B0B0

 B9C2C1

 B9D5D2

 B9E7E3

 B9FAF4

# Harmonies

## Analogous

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



B25382



B9535C



AD5E3B

# Triad

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



B9535C



438140



007BBE

# Complementary

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



B9535C



53B9B0

# 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.



0083AC



B9535C



008565

# Square

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



B9535C



707927



00868C



5E6FBB

# Rectangle

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



B9535C



9D682B



00868C



007EBA



# Sweetspot

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



B9535C



F0C7CB



AF53B9



786062



F7F7F7



787878



# Same Dimension

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



B9535C



F0515F



B97C53



5C5353



9C000E



1C0002



# Inverse Universe

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



B9535C



F0515F



5390B9



5C5353



9C000E



1C0002



# Previews

## White Background



This preview shows how the Hex color B9535C looks on a white background.

## Color Contrast Check

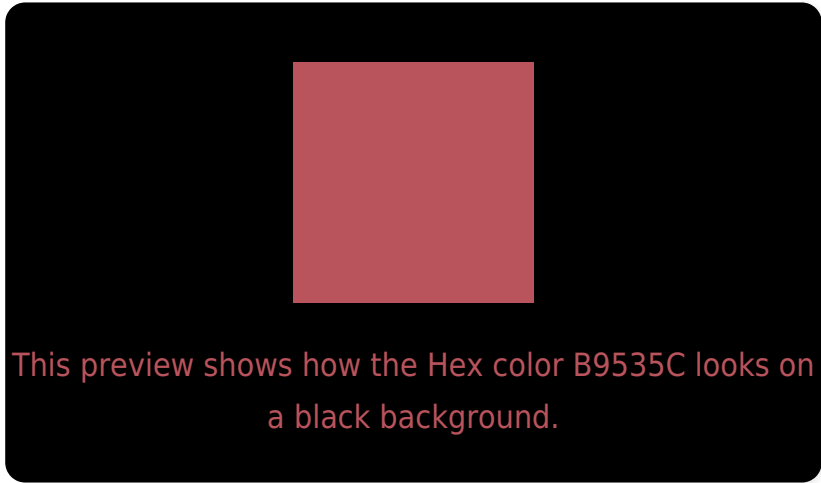
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9535C Background



This preview shows how black text looks on a background with the Hex color B9535C.

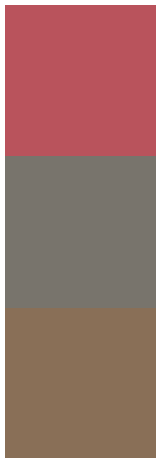


This preview shows how white text looks on a background with the Hex color B9535C.

# 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**  
B9535C

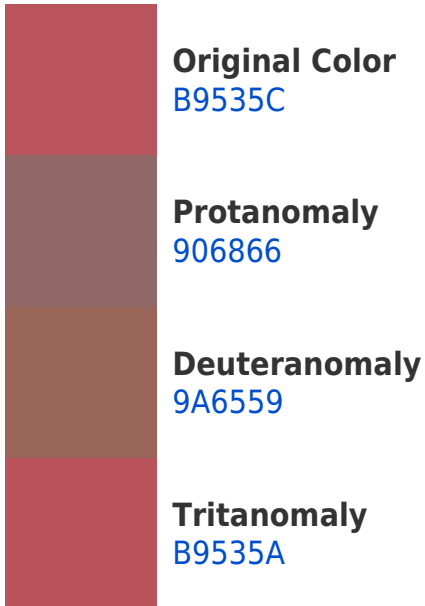
**Protanopia**  
78746C

**Deuteranopia**  
896F57

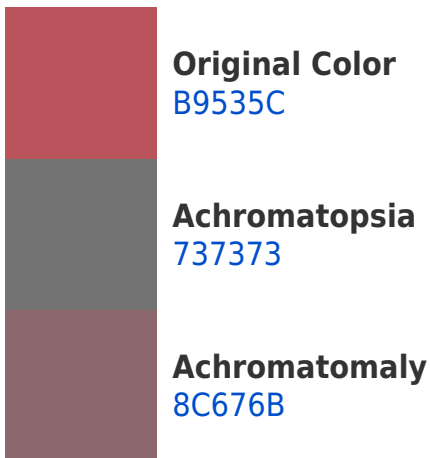


**Tritanopia**  
B95359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9535C 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 #B9535C looks like.

```
.text, #text, p{  
    color:#B9535C  
}
```

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 #B9535C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9535C
}
```

## Border

The CSS property to change the border of an element to Hex B9535C is called "border". The border property can be set on classes, ids or directly on the HTML element.

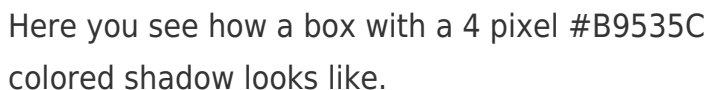
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9535C }
```

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

```
.border{ border-color:#B9535C }
```

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



Here you see how a box with a 4 pixel `#B9535C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9535C; -webkit-box-shadow:4px 4px  
4px 4px #B9535C; box-shadow:4px 4px 4px  
4px #B9535C }
```

# Background

The CSS property to change the background color of an element to Hex B9535C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9535C }
```

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

```
.background{ background-color:#B9535C }
```

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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