

# Converting Colors

Hex(B93658)

Have a look what the booklet for  
Hex(B93658) contains.

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**Color**

**Hex(B93658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B93658
RGB	185, 54, 88
RGB Percent	73%, 21%, 35%
CMY	0.2745, 0.7882, 0.6549
CMYK	0.00, 0.71, 0.52, 0.27
HSL	344°, 55%, 47%
HSV	344°, 71%, 73%
XYZ	23.0882, 13.6572, 10.6517
YIQ	97.0450, 67.1620, 38.3460

# Conversions

## Conversions Part 2

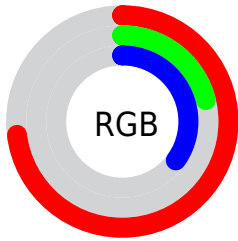
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 54, 88
Decimal	12138072
CIE <sub>Lab</sub>	43.74, 54.49, 10.84
CIE <sub>LCh</sub>	44, 55.555, 11.253
Yxy	13.6572, 0.4871, 0.2881
Android (android.graphics.Color)	4290328152 (0xFFB93658)
YUV	97.0450, -4.4592, 77.1365
Hunter-Lab	36.9557, 46.8463, 8.7798

# Details

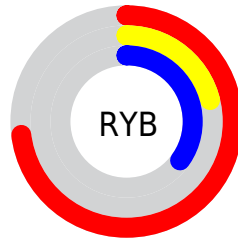
The Hex color **B93658** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **36B997**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F66E8A**, and **7E002B** is the 20% darker color. If you saturate the color by 10%, you get **B9244A**, and if you desaturate by 10%, it is **B94966**.

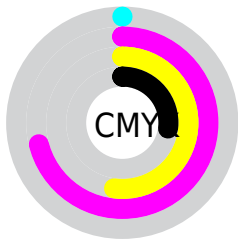
# Distribution



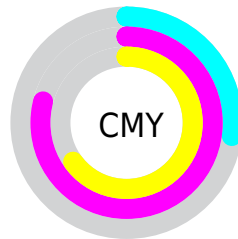
- Red (73%)
- Green (21%)
- Blue (35%)



- Red (73%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (52%)
- Black (27%)



- Cyan (27%)
- Magenta (79%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93658 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 B93658 by changing the saturation by 10% instead.



 B93658

 B93658

FFFFFF

 9B1441

 F66E8A

 7E002B

 FF8AA4

 610017

 FFA5BF

 460001

 FFC2DB

 290001

 FFDF7

 000000

 FFFCFF

 B93658

 B93658

 B9244A

 B94966

 B9113D

 B95B73

 B90030

 B96E81

 B9808F

 B9939C

 B9A5AA

 B9B8B8

 B9CAC6

 B9DDD3

# Harmonies

## Analogous

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



AB3D86



B93658



AF462C

# Triad

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



B93658



387519



0074BF

# Complementary

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



B93658



36B997

# 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.



007BA3



B93658



007A48

# Square

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



B93658



6D6B00



007C78



0467C2

# Rectangle

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



B93658



9F540F



007C78



0077B8



# Sweetspot

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



B93658



F0BDCA



9636B9



785A62



F7F7F7



787878



# Same Dimension

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



B93658



F02459



B95536



5C5355



9C0028



1C0007



# Inverse Universe

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



B93658



F02459



369AB9



5C5355



9C0028



1C0007



# Previews

## White Background



This preview shows how the Hex color B93658 looks on a white background.

## Color Contrast Check

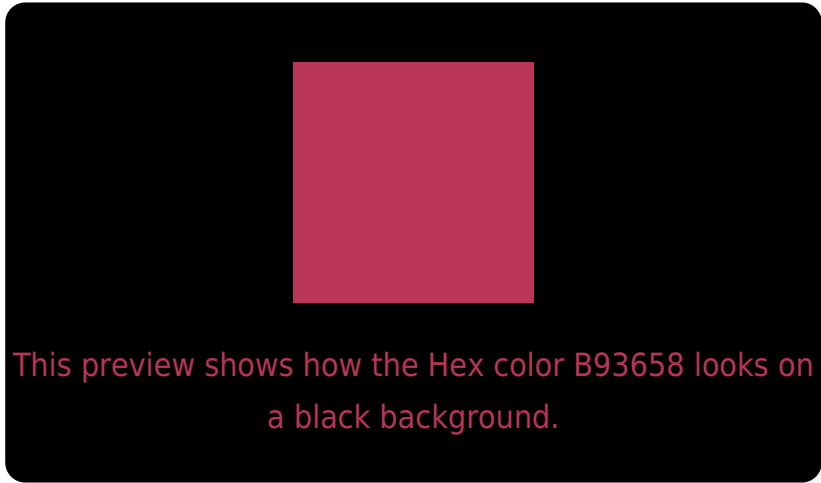
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93658 Background



This preview shows how black text looks on a background with the Hex color B93658.



This preview shows how white text looks on a background with the Hex color B93658.

# 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**  
B93658

**Protanopia**  
676872

**Deuteranopia**  
7A6452



**Tritanopia**  
B83B3F

# Trichromacy



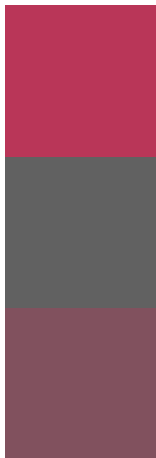
**Original Color**  
B93658

**Protanomaly**  
855669

**Deuteranomaly**  
915354

**Tritanomaly**  
B83948

# Monochromacy



**Original Color**  
B93658

**Achromatopsia**  
616161

**Achromatomaly**  
81515E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93658 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 #B93658 looks like.

```
.text, #text, p{  
    color:#B93658  
}
```

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 #B93658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93658
}
```

## Border

The CSS property to change the border of an element to Hex B93658 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".

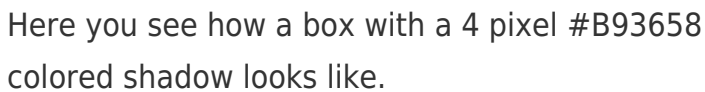
```
.border, #border, table{ border:4px solid
#B93658 }
```

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

```
.border{ border-color:#B93658 }
```

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

Here you see how a box with a 4 pixel #B93658 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93658; -webkit-box-shadow:4px 4px  
4px 4px #B93658; box-shadow:4px 4px 4px  
4px #B93658 }
```

# Background

The CSS property to change the background color of an element to Hex B93658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93658 }
```

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

```
.background{ background-color:#B93658 }
```

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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