

# Converting Colors

Hex(B93F55)

Have a look what the booklet for  
Hex(B93F55) contains.

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# Color

**Hex(B93F55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B93F55</a>
RGB	<a href="#">185, 63, 85</a>
RGB Percent	<a href="#">73%, 25%, 33%</a>
CMY	<a href="#">0.2745, 0.7529, 0.6667</a>
CMYK	<a href="#">0.00, 0.66, 0.54, 0.27</a>
HSL	<a href="#">349°, 49%, 49%</a>
HSV	<a href="#">349°, 66%, 73%</a>
XYZ	<a href="#">23.4248, 14.5252, 10.1633</a>
YIQ	<a href="#">101.9860, 65.6500, 32.7060</a>

# Conversions

## Conversions Part 2

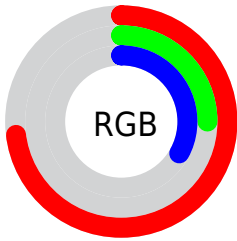
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 63, 85
Decimal	12140373
CIELab	44.98, 50.65, 14.41
CIELCh	45, 52.662, 15.879
Yxy	14.5252, 0.4869, 0.3019
Android (android.graphics.Color)	4290330453 (0xFFB93F55)
YUV	101.9860, -8.3741, 72.8033
Hunter-Lab	38.1119, 43.0159, 10.8674

# Details

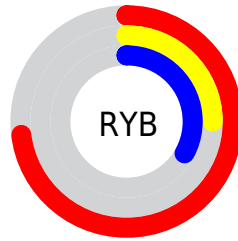
The Hex color **B93F55** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3FB9A3**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F57586**, and **7E0028** is the 20% darker color. If you saturate the color by 10%, you get **B92D46**, and if you desaturate by 10%, it is **B95264**.

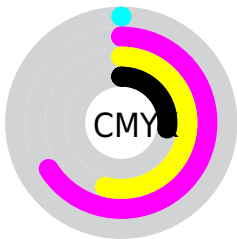
# Distribution



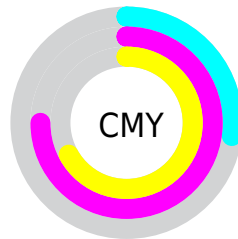
- Red (73%)
- Green (25%)
- Blue (33%)



- Red (73%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (54%)
- Black (27%)



- Cyan (27%)
- Magenta (75%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93F55 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 B93F55 by changing the saturation by 10% instead.



 B93F55

 B93F55

FFFFFF

 9B223E

 F57586

 7E0028

 FF91A1

 610014

 FFACBB

 460000

 FFC9D7

 2A0001

 FFE6F4

 000000

 B93F55

 B93F55

 B92D46

 B95264

 B91A37

 B96473

 B90828

 B97782

 B90021

 B98992

 B99CA1

 B9AEB0

 B9C1BF

 B9D3CE

 B9E5DD

# Harmonies

## Analogous

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



AF4281



B93F55



AD4E2C

# Triad

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



B93F55



357928



0075C0

# Complementary

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



B93F55



3FB9A3

# 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.



007DA9



B93F55



007E53

# Square

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



B93F55



6A6F00



007F81



3C67BF

# Rectangle

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



B93F55



9C5B14



007F81



0078BA



# Sweetspot

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



B93F55



F0C0C8



A33FB9



785B60



F7F7F7



787878



# Same Dimension

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



B93F55



F03254



B9663F



5C5354



9C001C



1C0005



# Inverse Universe

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



B93F55



F03254



3F92B9



5C5354



9C001C



1C0005



# Previews

## White Background



This preview shows how the Hex color B93F55 looks on a white background.

## Color Contrast Check

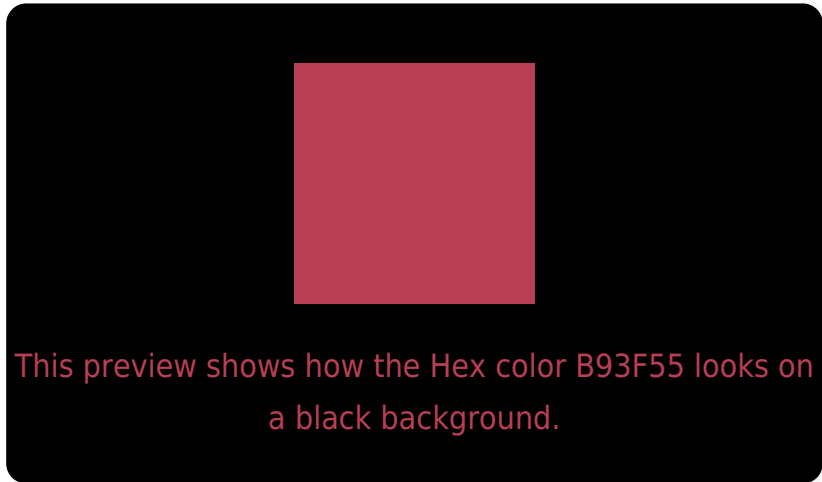
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93F55 Background



This preview shows how black text looks on a background with the Hex color B93F55.

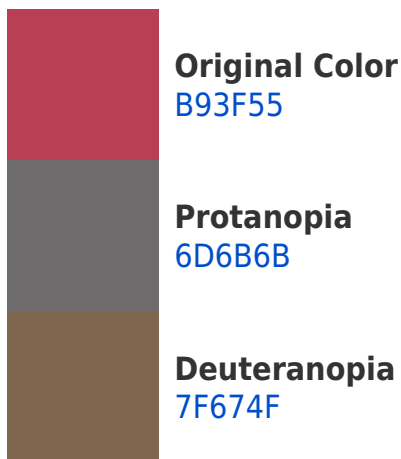


This preview shows how white text looks on a background with the Hex color B93F55.

# 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](#).

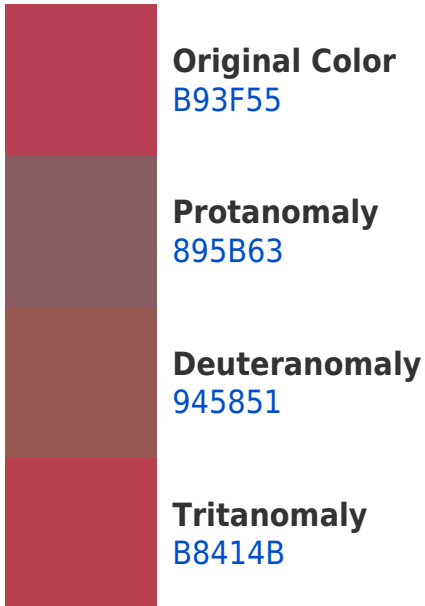
## Dichromacy



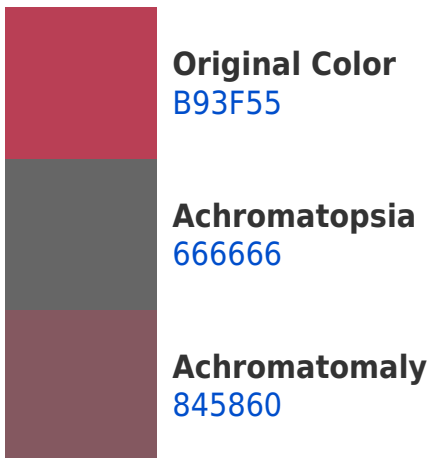


**Tritanopia**  
B84246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93F55 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 #B93F55 looks like.

```
.text, #text, p{  
    color:#B93F55  
}
```

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 #B93F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93F55
}
```

## Border

The CSS property to change the border of an element to Hex B93F55 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
#B93F55 }
```

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

```
.border{ border-color:#B93F55 }
```

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

Here you see how a box with a 4 pixel #B93F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93F55; -webkit-box-shadow:4px 4px  
4px 4px #B93F55; box-shadow:4px 4px 4px  
4px #B93F55 }
```

# Background

The CSS property to change the background color of an element to Hex B93F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93F55 }
```

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

```
.background{ background-color:#B93F55 }
```

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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