

# Converting Colors

Hex(B9263F)

Have a look what the booklet for  
Hex(B9263F) contains.

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# Color

Hex(B9263F)

# Conversions

## Conversions Part 1

Format	Color
Hex	B9263F
RGB	185, 38, 63
RGB Percent	73%, 15%, 25%
CMY	0.2745, 0.8510, 0.7529
CMYK	0.00, 0.79, 0.66, 0.27
HSL	350°, 66%, 44%
HSV	350°, 79%, 73%
XYZ	21.5979, 12.0594, 5.8920
YIQ	84.8030, 79.5870, 38.9390

# Conversions

## Conversions Part 2

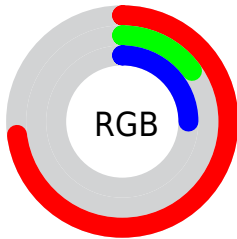
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 38, 63
Decimal	12133951
CIELab	41.31, 58.09, 23.16
CIELCh	41, 62.534, 21.741
Yxy	12.0594, 0.5461, 0.3049
Android (android.graphics.Color)	4290324031 (0xFFB9263F)
YUV	84.8030, -10.7489, 87.8728
Hunter-Lab	34.7266, 50.2447, 14.2491

# Details

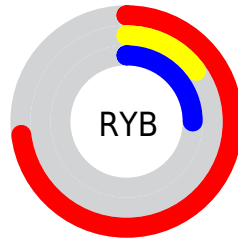
The Hex color **B9263F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **26B9A0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F7626E**, and **7C0015** is the 20% darker color. If you saturate the color by 10%, you get **B91430**, and if you desaturate by 10%, it is **B9394E**.

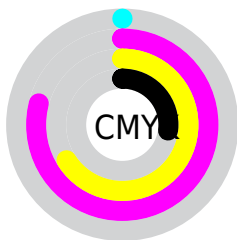
# Distribution



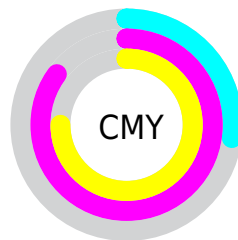
- Red (73%)
- Green (15%)
- Blue (25%)



- Red (73%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (85%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9263F 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 B9263F by changing the saturation by 10% instead.



 B9263F

 B9263F

FFFFFF

 9A0029

 F7626E

 7C0015

 FF7E88

 5F0000

 FF9AA2

 430002

 FFB6BD

 220001

 FFD3D9

 000000

 FFF1F5

 B9263F

 B9263F

 B91430

 B9394E

 B90120

 B94B5E

 B9001F

 B95E6D

 B9707C

 B9838C

 B9959B

 B9A8AA

 B9BABA

 B9CDC9

# Harmonies

## Analogous

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



B42272



B9263F



A6420A

# Triad

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



B9263F



007319



006CC8

# Complementary

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



B9263F



26B9A0

# 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.



0075B2



B9263F



007751

# Square

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



B9263F



536A00



007886



375AC2

# Rectangle

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



B9263F



905300



007886



0070C4



# Sweetspot

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



B9263F



F0B6C0



9E26B9



78555B



F7F7F7



787878



# Same Dimension

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



B9263F



F00C33



B95526



5C5354



9C001A



1C0005



# Inverse Universe

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



B9263F



F00C33



268AB9



5C5354



9C001A



1C0005



# Previews

## White Background



This preview shows how the Hex color B9263F looks on a white background.

## Color Contrast Check

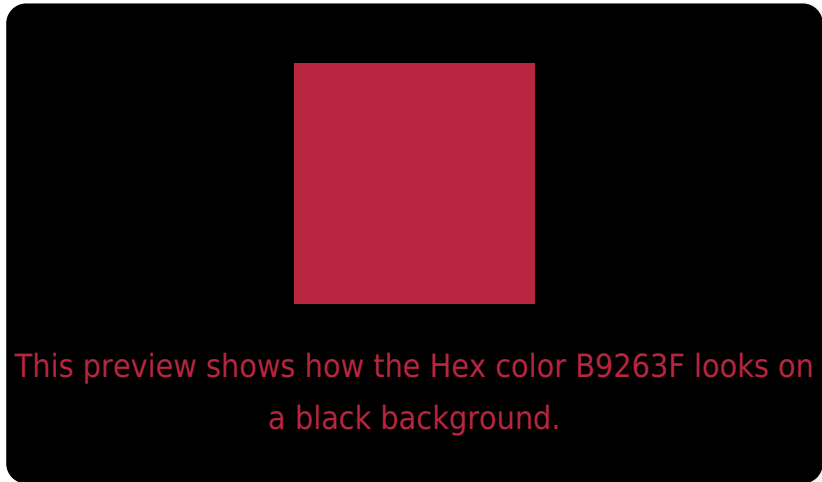
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9263F Background



This preview shows how black text looks on a background with the Hex color B9263F.



This preview shows how white text looks on a background with the Hex color B9263F.

# 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



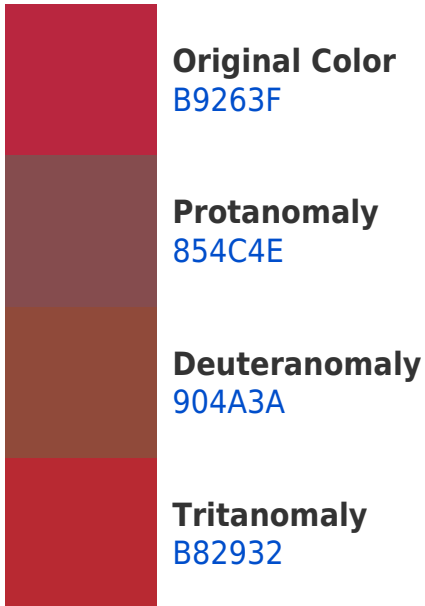
**Original Color**  
B9263F

**Protanopia**  
676257

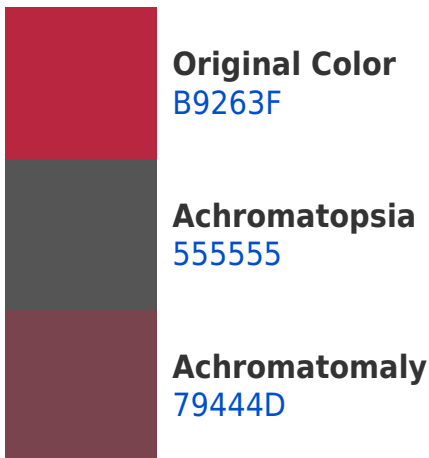
**Deuteranopia**  
785E37



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9263F 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 #B9263F looks like.

```
.text, #text, p{  
    color:#B9263F  
}
```

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 #B9263F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9263F }  
}
```

## Border

The CSS property to change the border of an element to Hex B9263F is called "border". The border property can be set on classes, ids or directly on the HTML element.

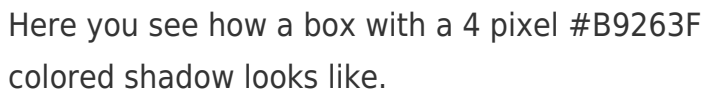
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B9263F }  
}
```

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

```
.border{ border-color:#B9263F }
```

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



Here you see how a box with a 4 pixel #B9263F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9263F; -webkit-box-shadow:4px 4px  
4px 4px #B9263F; box-shadow:4px 4px 4px  
4px #B9263F }
```

# Background

The CSS property to change the background color of an element to Hex B9263F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9263F }
```

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

```
.background{ background-color:#B9263F }
```

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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