

# Converting Colors

Hex(B9536E)

Have a look what the booklet for  
Hex(B9536E) contains.

|  |    |
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# Color

**Hex(B9536E)**

# Conversions

## Conversions Part 1

| <b>Format</b>        | <b>Color</b>                               |
|----------------------|--|
| Hex                  | <a href="#">B9536E</a>                     |
| RGB                  | <a href="#">185, 83, 110</a>               |
| RGB Percent          | <a href="#">73%, 33%, 43%</a>              |
| CMY                  | <a href="#">0.2745, 0.6745, 0.5686</a>     |
| <a href="#">CMYK</a> | <a href="#">0.00, 0.55, 0.41, 0.27</a>     |
| HSL                  | <a href="#">344°, 42%, 53%</a>             |
| HSV                  | <a href="#">344°, 55%, 73%</a>             |
| XYZ                  | <a href="#">25.9153, 17.6266, 16.7882</a>  |
| YIQ                  | <a href="#">116.5760, 52.1250, 30.0210</a> |

# Conversions

## Conversions Part 2

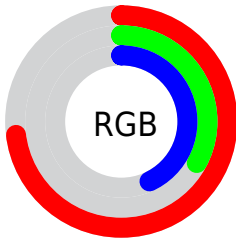
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">185, 83, 110</a>                                 |
| Decimal                             | <a href="#">12145518</a>                                     |
| CIELab                              | <a href="#">49.04, 43.88, 4.89</a>                           |
| CIELCh                              | <a href="#">49, 44.149, 6.363</a>                            |
| Yxy                                 | <a href="#">17.6266, 0.4296, 0.2922</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290335598</a><br>( <a href="#">0xFFB9536E</a> ) |
| YUV                                 | <a href="#">116.5760, -3.2420, 60.0078</a>                   |
| Hunter-Lab                          | <a href="#">41.9840, 36.7099, 5.6804</a>                     |

# Details

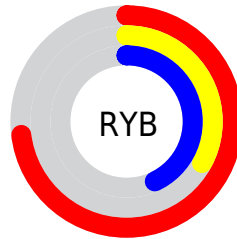
The Hex color **B9536E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53B99E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F488A1**, and **801E3F** is the 20% darker color. If you saturate the color by 10%, you get **B94160**, and if you desaturate by 10%, it is **B9667C**.

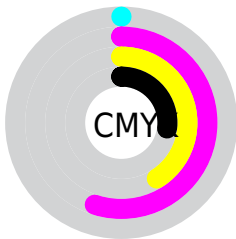
# Distribution



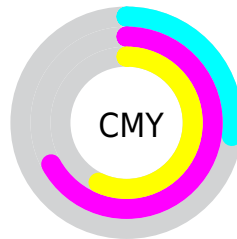
- Red (73%)
- Green (33%)
- Blue (43%)



- Red (73%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (55%)
- Yellow (41%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9536E 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 B9536E by changing the saturation by 10% instead.



 B9536E

 B9536E

FFFFFF

 9C3956

 F488A1

 801E3F

 FFA3BC

 640029

 FFBFD8

 490015

 FFDCF5

 320002

 FFF9FF

 000000

 B9536E

 B9536E

 B94160

 B9667C

 B92E53

 B97889

 B91C45

 B98B97

 B90938

 B99DA4

 B90031

 B9B0B2

 B9C2C0

 B9D5CD

 B9E7DB

 B9FAE8

# Harmonies

## Analogous

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



A85993



B9536E



B55A4A

# Triad

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



B9536E



5A7F35



0080B9

# Complementary

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



B9536E



53B99E

# 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.



0086A0



B9536E



1D8555

# Square

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



B9536E



827525



00877C



3B76BF

# Rectangle

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



B9536E



A96337



00877C



0083B2



# Sweetspot

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



B9536E



F0C7D2



9E53B9



786066



F7F7F7



787878



# Same Dimension

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



B9536E



F0517B



B96B53



5C5355



9C0029



1C0007



# Inverse Universe

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



B9536E



F0517B



53A1B9



5C5355



9C0029

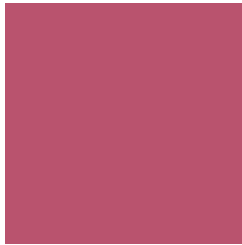


1C0007



# Previews

## White Background



This preview shows how the Hex color B9536E looks on a white background.

## Color Contrast Check

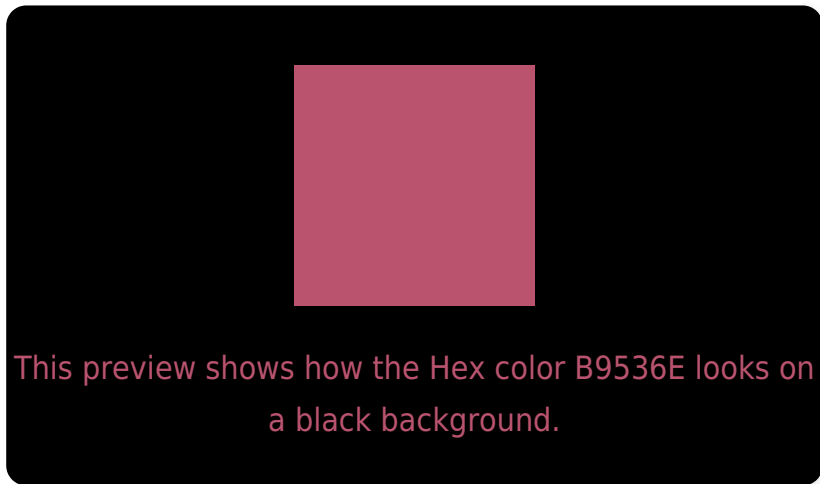
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9536E Background



This preview shows how black text looks on a background with the Hex color B9536E.

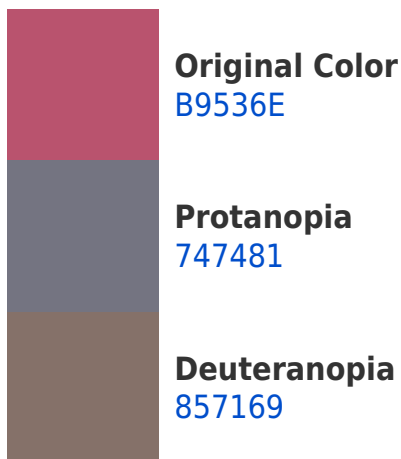



This preview shows how white text looks on a background with the Hex color B9536E.

# 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**  
B8565C

# Trichromacy



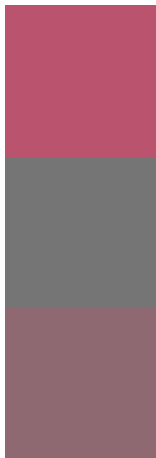
**Original Color**  
B9536E

**Protanomaly**  
8D687A

**Deuteranomaly**  
98666B

**Tritanomaly**  
B85563

# Monochromacy



**Original Color**  
B9536E

**Achromatopsia**  
757575

**Achromatomaly**  
8E6972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9536E 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 #B9536E looks like.

```
.text, #text, p{  
    color:#B9536E  
}
```

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 #B9536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9536E
}
```

## Border

The CSS property to change the border of an element to Hex B9536E is called "border". The border property can be set on classes, ids or directly on the HTML element.

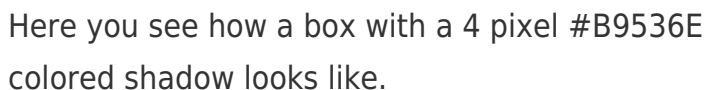
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9536E }
```

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

```
.border{ border-color:#B9536E }
```

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



Here you see how a box with a 4 pixel #B9536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9536E; -webkit-box-shadow:4px 4px  
4px 4px #B9536E; box-shadow:4px 4px 4px  
4px #B9536E }
```

# Background

The CSS property to change the background color of an element to Hex B9536E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9536E }
```

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

```
.background{ background-color:#B9536E }
```

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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