

# Converting Colors

Hex(BF5A95)

Have a look what the booklet for  
Hex(BF5A95) contains.

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# Color

**Hex(BF5A95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF5A95
RGB	191, 90, 149
RGB Percent	75%, 35%, 58%
CMY	0.2510, 0.6471, 0.4157
CMYK	0.00, 0.53, 0.22, 0.25
HSL	325°, 44%, 55%
HSV	325°, 53%, 75%
XYZ	30.5668, 20.5586, 30.7909
YIQ	126.9250, 41.2570, 39.7610

# Conversions

## Conversions Part 2

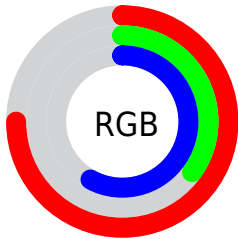
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 90, 149
Decimal	12540565
CIE <sub>Lab</sub>	52.46, 47.46, -13.24
CIE <sub>LCh</sub>	52, 49.275, 344.418
Yxy	20.5586, 0.3731, 0.2510
Android (android.graphics.Color)	4290730645 (0xFFBF5A95)
YUV	126.9250, 10.8830, 56.1938
Hunter-Lab	45.3416, 40.9871, -8.5240

# Details

The Hex color **BF5A95** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5ABF84**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F990CB**, and **872462** is the 20% darker color. If you saturate the color by 10%, you get **BF478D**, and if you desaturate by 10%, it is **BF6D9D**.

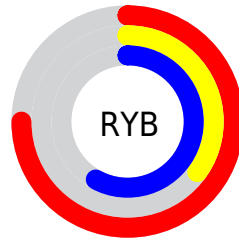
# Distribution



Red (75%)

Green (35%)

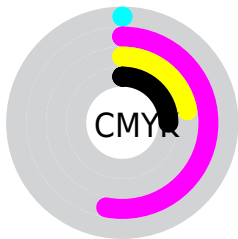
Blue (58%)



Red (75%)

Yellow (35%)

Blue (58%)

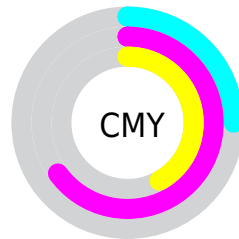


Cyan (0%)

Magenta (53%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF5A95 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 BF5A95 by changing the saturation by 10% instead.



 BF5A95

 BF5A95

FFFFFF

 A3407B

 F990CB

 872462

 FFABE7

 6C004A

 FFC7FF

 510034

 FFE4FF

 38001F

 1C0001

 000000

 BF5A95

 BF5A95

 BF478D

 BF6D9D

 BF3485

 BF80A5

 BF217D

 BF93AD

 BF0E75

 BFA6B5

 BF0070

 BFBABD

 BFCDC5

 BFE0CD

 BFF3D5

 BFFFDC

# Harmonies

## Analogous

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



9A69BA



BF5A95



CB576A

# Triad

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



BF5A95



818124



008FB7

# Complementary

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



BF5A95



5ABF84

# 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.



009291



BF5A95



518B3D

# Square

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



BF5A95



A67328



009065



0088CE

# Rectangle

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



BF5A95



C65E50



009065



0091AC



# Sweetspot

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



BF5A95



F7D0E7



825ABF



7D6573



FCFCFC



7D7D7D



# Same Dimension

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



BF5A95



F75CB7



BF5A64



5E555A



9E005C



1F0012



# Inverse Universe

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



BF5A95



F75CB7



5ABFB5



5E555A



9E005C



1F0012



# Previews

## White Background



This preview shows how the Hex color BF5A95 looks on a white background.

## Color Contrast Check

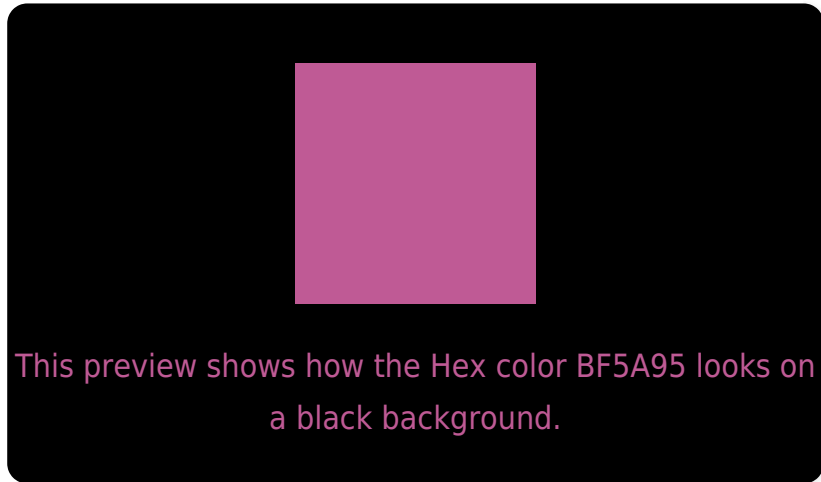
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

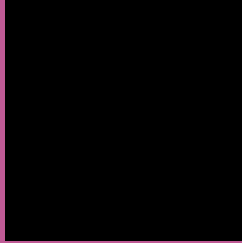
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF5A95 Background



This preview shows how black text looks on a background with the Hex color BF5A95.

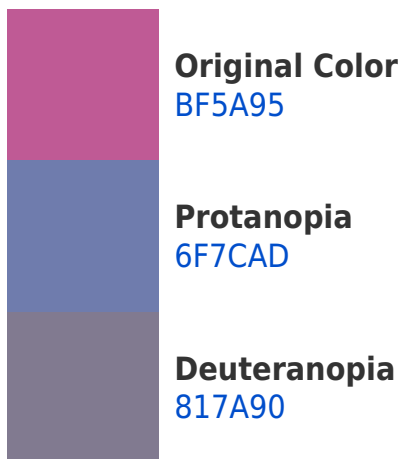



This preview shows how white text looks on a background with the Hex color BF5A95.

# 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**  
BB636A

# Trichromacy



**Original Color**  
BF5A95



**Protanomaly**  
8C70A4



**Deuteranomaly**  
986E92



**Tritanomaly**  
BC607A

# Monochromacy



**Original Color**  
BF5A95



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
967287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF5A95 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 #BF5A95 looks like.

```
.text, #text, p{  
    color:#BF5A95  
}
```

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 #BF5A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5A95
}
```

## Border

The CSS property to change the border of an element to Hex BF5A95 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
#BF5A95 }
```

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

```
.border{ border-color:#BF5A95 }
```

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

Here you see how a box with a 4 pixel #BF5A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5A95; -webkit-box-shadow:4px 4px  
4px 4px #BF5A95; box-shadow:4px 4px 4px  
4px #BF5A95 }
```

# Background

The CSS property to change the background color of an element to Hex BF5A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5A95 }
```

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

```
.background{ background-color:#BF5A95 }
```

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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