

# Converting Colors

Hex(BF5699)

Have a look what the booklet for  
Hex(BF5699) contains.

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# Color

**Hex(BF5699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF5699
RGB	191, 86, 153
RGB Percent	75%, 34%, 60%
CMY	0.2510, 0.6627, 0.4000
CMYK	0.00, 0.55, 0.20, 0.25
HSL	322°, 45%, 54%
HSV	322°, 55%, 75%
XYZ	30.5634, 20.0319, 32.3927
YIQ	125.0330, 41.0730, 43.0970

# Conversions

## Conversions Part 2

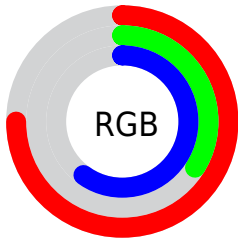
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 86, 153
Decimal	12539545
CIE <sub>Lab</sub>	51.87, 49.99, -16.49
CIE <sub>LCh</sub>	52, 52.643, 341.744
Yxy	20.0319, 0.3683, 0.2414
Android (android.graphics.Color)	4290729625 (0xFFBF5699)
YUV	125.0330, 13.7877, 57.8531
Hunter-Lab	44.7570, 43.5686, -11.5810

# Details

The Hex color **BF5699** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56BF7C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FA8CCF**, and **871E66** is the 20% darker color. If you saturate the color by 10%, you get **BF4392**, and if you desaturate by 10%, it is **BF69A0**.

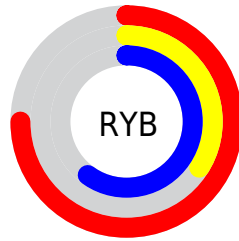
# Distribution



Red (75%)

Green (34%)

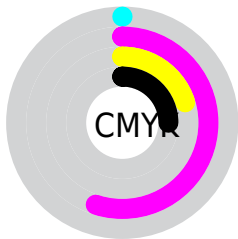
Blue (60%)



Red (75%)

Yellow (34%)

Blue (60%)

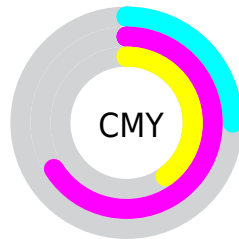


Cyan (0%)

Magenta (55%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (66%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF5699 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 BF5699 by changing the saturation by 10% instead.



 BF5699

 BF5699

FFFFFF

 A33B7F

 FA8CCF

 871E66

 FFA7EC

 6B004E

 FFC4FF

 510037

 FFE0FF

 380022

FFFEFF

 1B0007

 000000

 BF5699

 BF5699

 BF4392

 BF69A0

 BF308B

 BF7CA7

 BF1D84

 BF8FAE

 BF0A7D

 BFA2B5

 BF007A

 BFB6BC

 BFC9C2

 BFDCC9

 BFEFD0

 BFFFD7

# Harmonies

## Analogous

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



9568BF



BF5699



CE516C

# Triad

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



BF5699



827F18



008FB7

# Complementary

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



BF5699



56BF7C

# 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.



00918D



BF5699



508A34

# Square

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



BF5699



A96F21



008F5E



0088D1

# Rectangle

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



BF5699



CA584F



008F5E



0090AA



# Sweetspot

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



BF5699



F7D0E9



7B56BF



7D6574



FCFCFC



7D7D7D



# Same Dimension

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



BF5699



F754BC



BF5666



5E555B



9E0065



1F0014



# Inverse Universe

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



BF5699



F754BC



56BFAF



5E555B



9E0065



1F0014



# Previews

## White Background



This preview shows how the Hex color BF5699 looks on a white background.

## Color Contrast Check

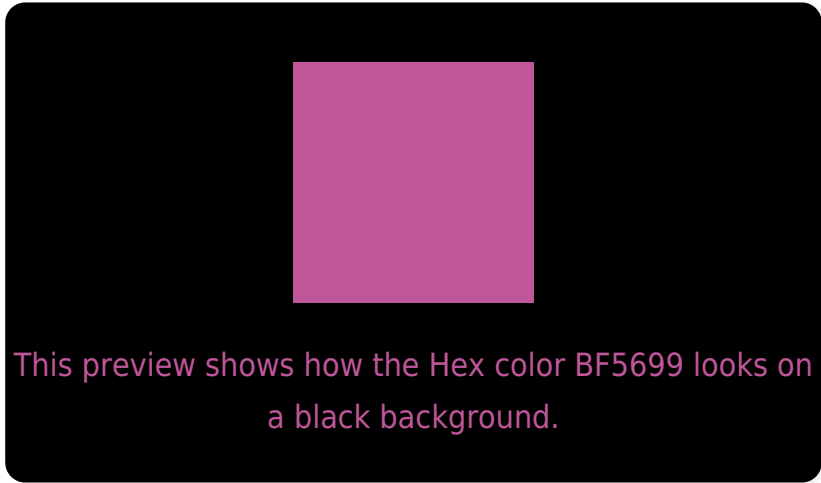
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF5699 Background



This preview shows how black text looks on a background with the Hex color BF5699.

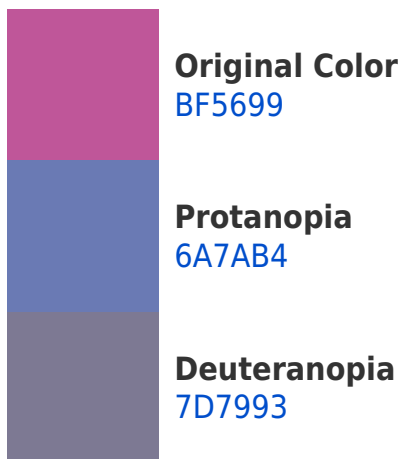



This preview shows how white text looks on a background with the Hex color BF5699.

# 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**  
BA6168

# Trichromacy



**Original Color**  
BF5699



**Protanomaly**  
896DAA



**Deuteranomaly**  
956C95

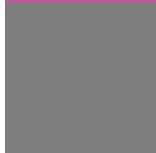


**Tritanomaly**  
BC5D7A

# Monochromacy



**Original Color**  
BF5699



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
956F87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF5699 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 #BF5699 looks like.

```
.text, #text, p{  
    color:#BF5699  
}
```

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 #BF5699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5699
}
```

## Border

The CSS property to change the border of an element to Hex BF5699 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
#BF5699 }
```

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

```
.border{ border-color:#BF5699 }
```

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

Here you see how a box with a 4 pixel #BF5699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5699; -webkit-box-shadow:4px 4px  
4px 4px #BF5699; box-shadow:4px 4px 4px  
4px #BF5699 }
```

# Background

The CSS property to change the background color of an element to Hex BF5699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5699 }
```

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

```
.background{ background-color:#BF5699 }
```

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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