

Converting Colors

Hex(BF5EA8)

Have a look what the booklet for
Hex(BF5EA8) contains.

Hex(BF5EA8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BF5EA8)

Conversions

Conversions Part 1

Format	Color
Hex	BF5EA8
RGB	191, 94, 168
RGB Percent	75%, 37%, 66%
CMY	0.2510, 0.6314, 0.3412
CMYK	0.00, 0.51, 0.12, 0.25
HSL	314°, 43%, 56%
HSV	314°, 51%, 75%
XYZ	32.5564, 21.9089, 39.5587
YIQ	131.4390, 34.0580, 43.5780

Conversions

Conversions Part 2

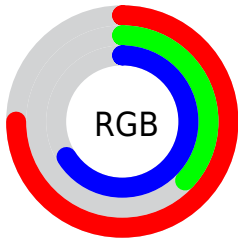
Format	Color
R_{YB}	191, 94, 168
Decimal	12541608
CIE _{Lab}	53.93, 48.42, -22.14
CIE _{LCh}	54, 53.239, 335.425
Yxy	21.9089, 0.3463, 0.2330
Android (android.graphics.Color)	4290731688 (0xFFBF5EA8)
YUV	131.4390, 18.0246, 52.2350
Hunter-Lab	46.8070, 42.2429, -17.3438

Details

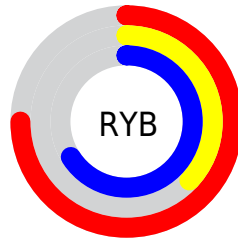
The Hex color **BF5EA8** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EBF75**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F994DF**, and **872974** is the 20% darker color. If you saturate the color by 10%, you get **BF4BA3**, and if you desaturate by 10%, it is **BF71AD**.

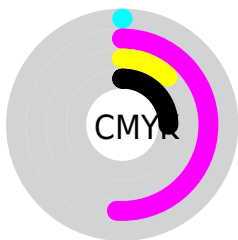
Distribution



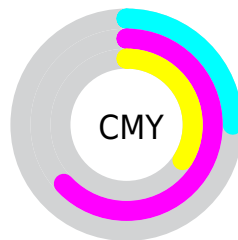
- Red (75%)
- Green (37%)
- Blue (66%)



- Red (75%)
- Yellow (37%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF5EA8 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 BF5EA8 by changing the saturation by 10% instead.

 BF5EA8

 BF5EA8

FFFFFF

 A3448D

 F994DF

 872974

 FFAFFC

 6C065B

 FFC0FF

 520043

 FFE8FF

 39002D

 1F0018

 000000

 BF5EA8

 BF5EA8

 BF4BA3

 BF71AD

 BF389F

 BF84B1

 BF259A

 BF97B6

 BF1296

 BFAABA

 BF0092

 BFBEBF

 BFD1C3

 BFE4C8

 BFF7CC

 BFFFD1

Harmonies

Analogous

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



8D71CC



BF5EA8



D4557A

Triad

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



BF5EA8



91811B



0096B5

Complementary

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



BF5EA8



5EBF75

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.



009788



BF5EA8



618D30

Square

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



BF5EA8



B7702B



009459



0090D4

Rectangle

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



BF5EA8



D35A5C



009459



0097A7

Sweetspot

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



BF5EA8



F7D2EF



755EBF



7D6678



FCFCFC



7D7D7D

Same Dimension

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



BF5EA8



F760D4



BF5E78



5E555C



9E0079



1F0017

Inverse Universe

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



BF5EA8



F760D4



5EBFA5



5E555C



9E0079



1F0017

Previews

White Background



This preview shows how the Hex color BF5EA8 looks on a white background.

Color Contrast Check

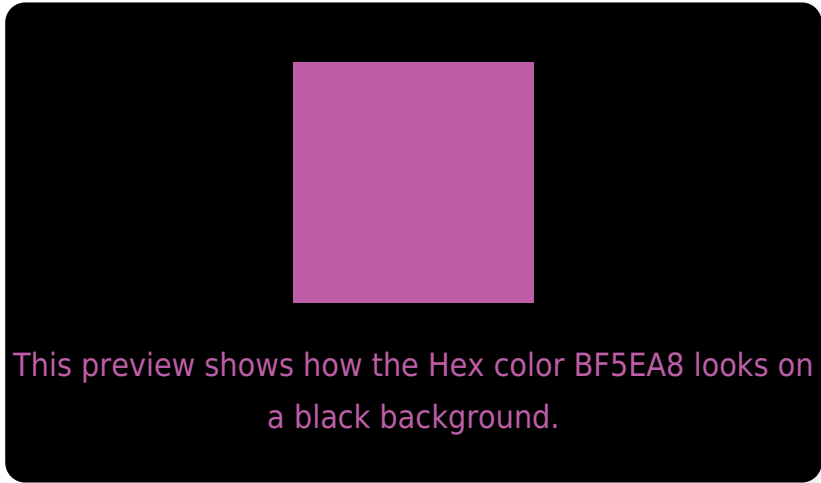
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF5EA8 Background



This preview shows how black text looks on a background with the Hex color BF5EA8.

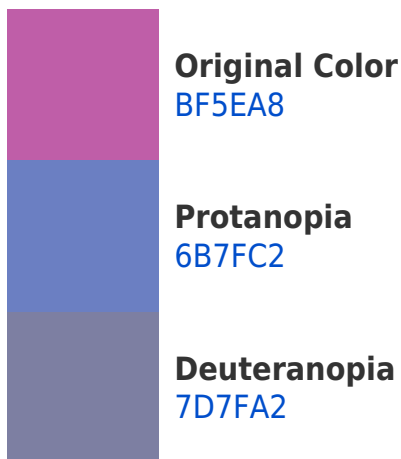


This preview shows how white text looks on a background with the Hex color BF5EA8.

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
B96A72

Trichromacy



Original Color
BF5EA8



Protanomaly
8A73B9



Deuteranomaly
9573A4



Tritanomaly
BB6686

Monochromacy



Original Color
BF5EA8



Achromatopsia
838383



Achromatomaly
997690

CSS Examples

Text

The CSS property to change the color of the text to Hex BF5EA8 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 #BF5EA8 looks like.

```
.text, #text, p{  
    color:#BF5EA8  
}
```

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 #BF5EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5EA8
}
```

Border

The CSS property to change the border of an element to Hex BF5EA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

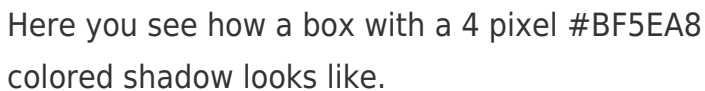
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF5EA8 }
```

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

```
.border{ border-color:#BF5EA8 }
```

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



Here you see how a box with a 4 pixel #BF5EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5EA8; -webkit-box-shadow:4px 4px  
4px 4px #BF5EA8; box-shadow:4px 4px 4px  
4px #BF5EA8 }
```

Background

The CSS property to change the background color of an element to Hex BF5EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5EA8 }
```

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

```
.background{ background-color:#BF5EA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor