

# Converting Colors

Hex(FB5AC8)

Have a look what the booklet for  
Hex(FB5AC8) contains.

<b>Hex(FB5AC8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(FB5AC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB5AC8
RGB	251, 90, 200
RGB Percent	98%, 35%, 78%
CMY	0.0157, 0.6471, 0.2157
CMYK	0.00, 0.64, 0.20, 0.02
HSL	319°, 95%, 67%
HSV	319°, 64%, 98%
XYZ	53.8652, 31.9917, 57.9796
YIQ	150.6790, 60.6460, 68.3420

# Conversions

## Conversions Part 2

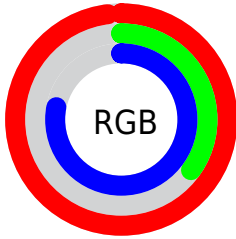
Format	Color
R <sub>Y</sub> B	251, 90, 200
Decimal	16472776
CIE Lab	63.34, 71.81, -25.32
CIE LCh	63, 76.139, 340.576
Yxy	31.9917, 0.3745, 0.2224
Android (android.graphics.Color)	4294662856 (0xFFFB5AC8)
YUV	150.6790, 24.3153, 87.9815
Hunter-Lab	56.5612, 71.0095, -21.1840

# Details

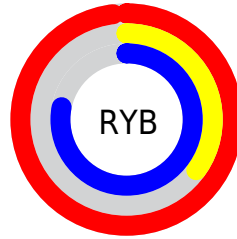
The Hex color **FB5AC8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5AFB8D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF95FF**, and **BF0D92** is the 20% darker color. If you saturate the color by 10%, you get **FB41C0**, and if you desaturate by 10%, it is **FB73D0**.

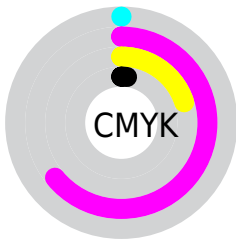
# Distribution



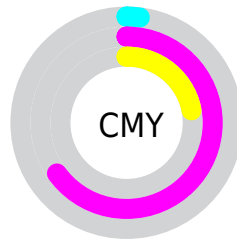
- Red (98%)
- Green (35%)
- Blue (78%)



- Red (98%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB5AC8 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 FB5AC8 by changing the saturation by 10% instead.



 FB5AC8

 FB5AC8

FFFFFF

 DD3AAD

 FF95FF

 BF0D92

 FFB2FF

 A10078

 FFD0FF

 84005F

 FFEDFF

 680047

 4C0030

 30001B

 000000

 FB5AC8

 FB5AC8

 FB41C0

 FB73D0

 FB28B8

 FB8CD8

 FB0FB0

 FBA5E0

 FB00AB

 FBBEE8

 FBD8F0

 FBF1F8

 FBFFFF

# Harmonies

## Analogous

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



B97BFF



FB5AC8



FF4E84

# Triad

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



FB5AC8



A29E00



00B6F0

# Complementary

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



FB5AC8



5AFB8D

# 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.



00B8B0



FB5AC8



55AD22

# Square

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



FB5AC8



DB8600



00B569



00ADFF

# Rectangle

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



FB5AC8



FF5C59



00B569



00B7DD



# Sweetspot

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



FB5AC8



FFCFF0



8D5AFB



806276



000000



808080



# Same Dimension

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



FB5AC8



FF3BC1



FB5A78



7D7079



BD0081



3D002A



# Inverse Universe

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



FB5AC8



FF3BC1



5AFBDD



7D7079



BD0081



3D002A



# Previews

## White Background



This preview shows how the Hex color FB5AC8 looks on a white background.

## Color Contrast Check

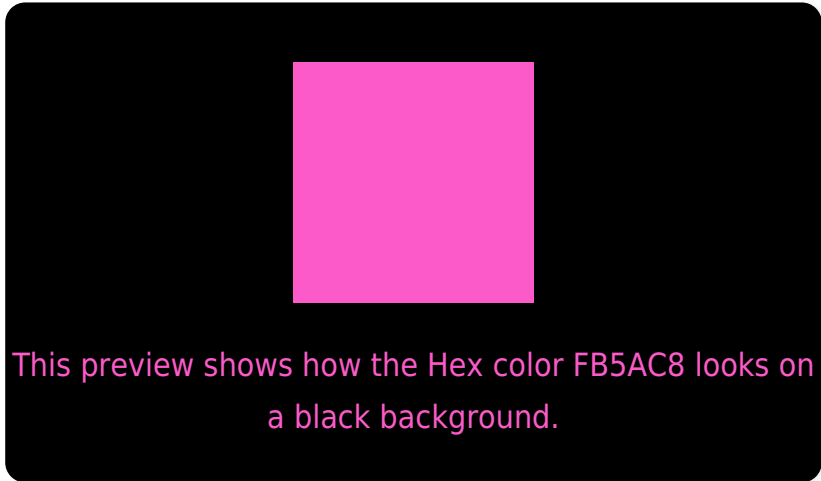
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex FB5AC8 Background



This preview shows how black text looks on a background with the Hex color FB5AC8.



This preview shows how white text looks on a background with the Hex color FB5AC8.

# 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](#).

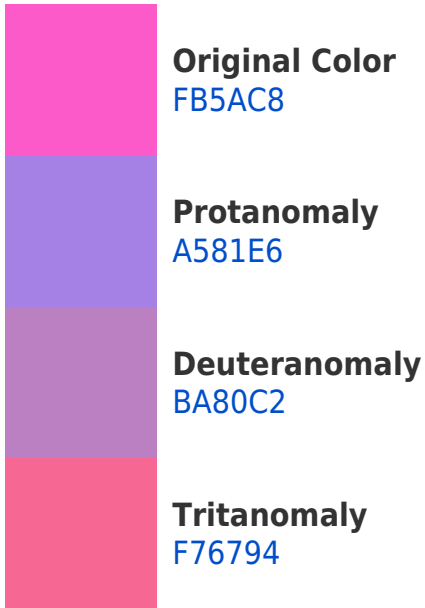
## Dichromacy





**Tritanopia**  
F46F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB5AC8 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 #FB5AC8 looks like.

```
.text, #text, p{  
    color:#FB5AC8  
}
```

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 #FB5AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5AC8
}
```

## Border

The CSS property to change the border of an element to Hex FB5AC8 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
#FB5AC8 }
```

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

```
.border{ border-color:#FB5AC8 }
```

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

Here you see how a box with a 4 pixel #FB5AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5AC8; -webkit-box-shadow:4px 4px  
4px 4px #FB5AC8; box-shadow:4px 4px 4px  
4px #FB5AC8 }
```

# Background

The CSS property to change the background color of an element to Hex FB5AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5AC8 }
```

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

```
.background{ background-color:#FB5AC8 }
```

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