

# Converting Colors

Hex(FBA5FA)

Have a look what the booklet for  
Hex(FBA5FA) contains.

<b>Hex(FBA5FA)</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(FBA5FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA5FA
RGB	251, 165, 250
RGB Percent	98%, 65%, 98%
CMY	0.0157, 0.3529, 0.0196
CMYK	0.00, 0.34, 0.00, 0.02
HSL	301°, 91%, 82%
HSV	301°, 34%, 98%
XYZ	70.4941, 54.3216, 97.2122
YIQ	200.4040, 23.9710, 44.6670

# Conversions

## Conversions Part 2

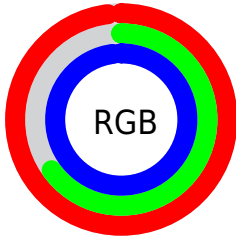
Format	Color
<a href="#">RYB</a>	<a href="#">251, 165, 250</a>
Decimal	<a href="#">16492026</a>
CIELab	<a href="#">78.65, 44.62, -29.39</a>
CIELCh	<a href="#">79, 53.435, 326.626</a>
Yxy	<a href="#">54.3216, 0.3175, 0.2447</a>
Android (android.graphics.Color)	<a href="#">4294682106</a> ( <a href="#">0xFFFBA5FA</a> )
YUV	<a href="#">200.4040, 24.4508, 44.3727</a>
Hunter-Lab	<a href="#">73.7032, 41.7474, -26.6094</a>

# Details

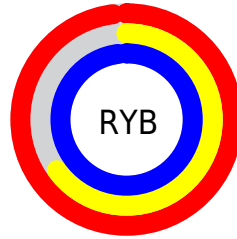
The Hex color **FBA5FA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A5FBA6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFDDFF**, and **C16FC1** is the 20% darker color. If you saturate the color by 10%, you get **FB8CFA**, and if you desaturate by 10%, it is **FBBEFA**.

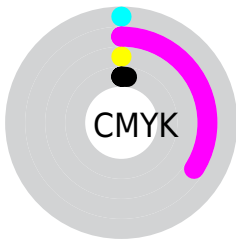
# Distribution



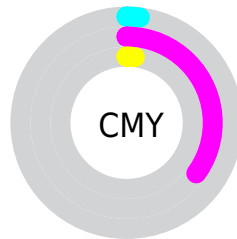
- Red (98%)
- Green (65%)
- Blue (98%)



- Red (98%)
- Yellow (65%)
- Blue (98%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBA5FA 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 FBA5FA by changing the saturation by 10% instead.



 FBA5FA

FFFFFF

 FFDDFF

 FFFAFF

 FBA5FA

 DE8ADD

 C16FC1

 A555A6

 8A3C8B

 6F2172

 550159

 3C0041

 26002B

 000115

 FBA5FA

 FBA5FA

 FB8CFA

 FBBEFA

 FB73F9

 FBD7FB

 FB5AF9

 FBF0FB

 FB41F9

 FBFFF8

 FB28F9

 FBFFFC

 FB0EF8

 FBFFFD

 FB00F8

# Harmonies

## Analogous

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



BEB8FF



FBA5FA



FF9ACA

# Triad

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



FBA5FA



E5BE5D



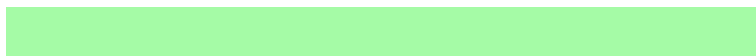
00DBEE

# Complementary

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



FBA5FA



A5FBA6

# 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.



00DCBB



FBA5FA



B4CD67

# Square

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



FBA5FA



FFAC71



77D78A



00D6FF

# Rectangle

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



FBA5FA



FF9AA9



77D78A



00DCDD



# Sweetspot

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



FBA5FA



FFE6FF



A5A5FB



80707F



000000



808080



# Same Dimension

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



FBA5FA



FF96FE



FBA5D0



7D707D



BD00BB



3D003C



# Inverse Universe

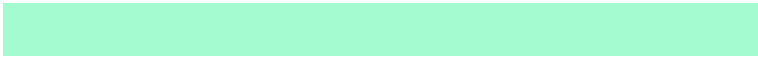
The Inverse Universe completely reimagines the original color for something new.



FBA5FA



FF96FE



A5FBD0



7D707D



BD00BB



3D003C



# Previews

## White Background



This preview shows how the Hex color FBA5FA looks on a white background.

## Color Contrast Check

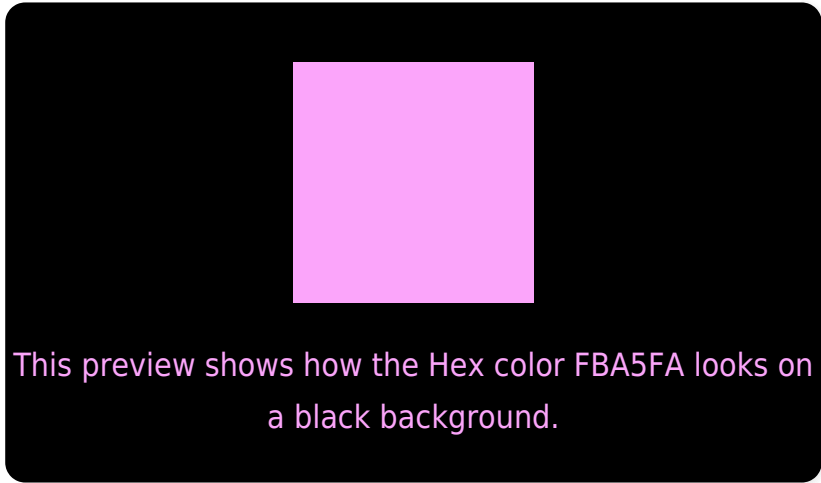
Large Text (above 18pt) WCAG AA × Fail

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 FBA5FA Background



This preview shows how black text looks on a background with the Hex color FBA5FA.

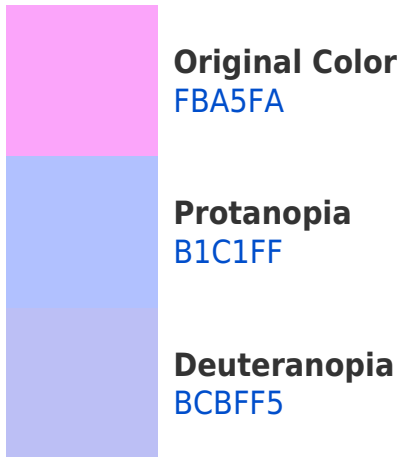


This preview shows how white text looks on a background with the Hex color FBA5FA.

# 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**  
F3B1BF

# Trichromacy



**Original Color**  
FBA5FA



**Protanomaly**  
CCB7FD



**Deuteranomaly**  
D3B6F7

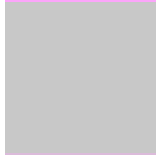


**Tritanomaly**  
F6ADD4

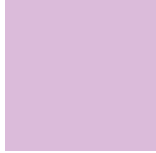
# Monochromacy



**Original Color**  
FBA5FA



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
DBBBDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBA5FA 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 #FBA5FA looks like.

```
.text, #text, p{  
    color:#FBA5FA  
}
```

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 #FBA5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA5FA
}
```

## Border

The CSS property to change the border of an element to Hex FBA5FA 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
#FBA5FA }
```

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

```
.border{ border-color:#FBA5FA }
```

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

Here you see how a box with a 4 pixel #FBA5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA5FA; -webkit-box-shadow:4px 4px  
4px 4px #FBA5FA; box-shadow:4px 4px 4px  
4px #FBA5FA }
```

# Background

The CSS property to change the background color of an element to Hex FBA5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA5FA }
```

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

```
.background{ background-color:#FBA5FA }
```

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