

# Converting Colors

Hex(B64FA1)

Have a look what the booklet for  
Hex(B64FA1) contains.

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# Color

**Hex(B64FA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B64FA1
RGB	182, 79, 161
RGB Percent	71%, 31%, 63%
CMY	0.2863, 0.6902, 0.3686
CMYK	0.00, 0.57, 0.12, 0.29
HSL	312°, 41%, 51%
HSV	312°, 57%, 71%
XYZ	28.5204, 18.1103, 35.7107
YIQ	119.1450, 35.0660, 47.3380

# Conversions

## Conversions Part 2

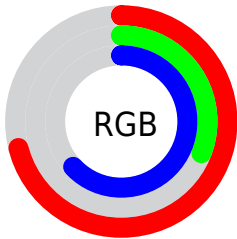
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 79, 161
Decimal	11947937
CIE <sub>Lab</sub>	49.63, 51.86, -24.77
CIE <sub>LCh</sub>	50, 57.468, 334.467
Yxy	18.1103, 0.3464, 0.2199
Android (android.graphics.Color)	4290138017 (0xFFB64FA1)
YUV	119.1450, 20.6345, 55.1238
Hunter-Lab	42.5561, 45.1544, -19.9634

# Details

The Hex color **B64FA1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4FB664**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F085D8**, and **7E156D** is the 20% darker color. If you saturate the color by 10%, you get **B63D9D**, and if you desaturate by 10%, it is **B661A5**.

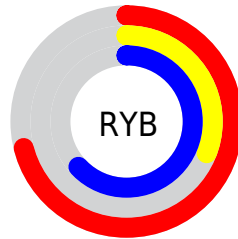
# Distribution



Red (71%)

Green (31%)

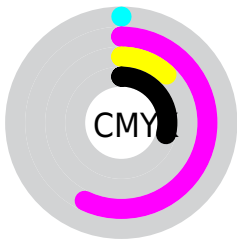
Blue (63%)



Red (71%)

Yellow (31%)

Blue (63%)

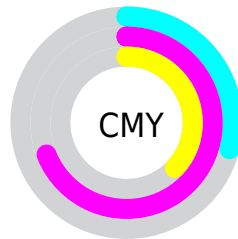


Cyan (0%)

Magenta (57%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (69%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64FA1 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 B64FA1 by changing the saturation by 10% instead.



 B64FA1

 B64FA1

FFFFFF

 9A3487

 F085D8

 7E156D

 FFA0F5

 630055

 FFBCFF

 49003D

 FFD9FF

 320027

 FFF6FF

 0B0010

 000000

 B64FA1

 B64FA1

 B63D9D

 B661A5

 B62B9A

 B673A8

 B61896

 B686AC

 B60692

 B698B0

 B60091

 B6AAB4

 B6BCB7

 B6CEBB

 B6E1BF

 B6F3C2

# Harmonies

## Analogous

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



7F66C7



B64FA1



CC4371

# Triad

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



B64FA1



877600



008CAC

# Complementary

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



B64FA1



4FB664

# 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.



008D7C



B64FA1



54831A

# Square

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



B64FA1



AE6417



008A4A



0086CE

# Rectangle

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



B64FA1



CC4951



008A4A



008C9D



# Sweetspot

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



B64FA1



EDC5E5



644FB6



786073



F7F7F7



787878



# Same Dimension

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



B64FA1



ED4CCC



B64F6E



5C535A



9C007C



1C0016



# Inverse Universe

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



B64FA1



ED4CCC



4FB697



5C535A



9C007C

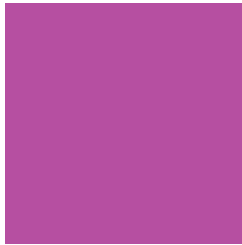


1C0016



# Previews

## White Background



This preview shows how the Hex color B64FA1 looks on a white background.

## Color Contrast Check

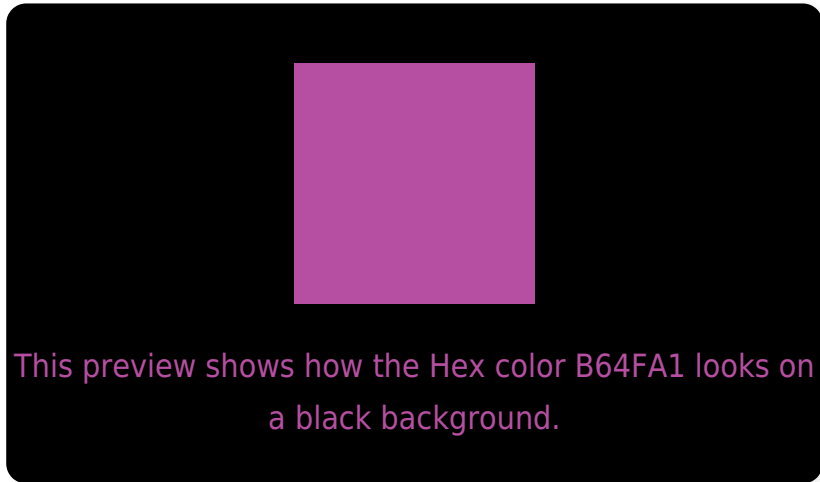
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

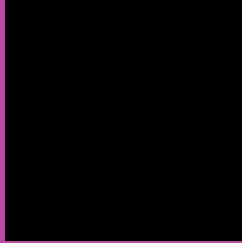
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B64FA1 Background



This preview shows how black text looks on a background with the Hex color B64FA1.

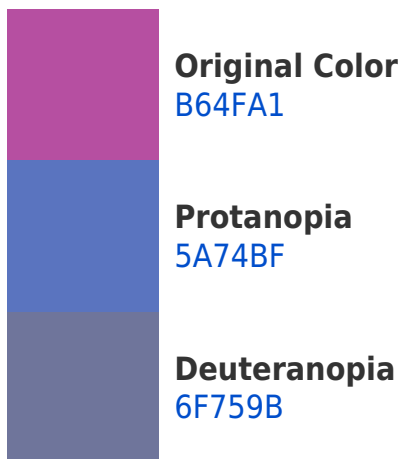


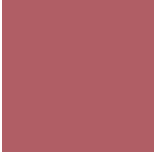
This preview shows how white text looks on a background with the Hex color B64FA1.

# 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**  
B05E65

# Trichromacy



**Original Color**  
B64FA1



**Protanomaly**  
7B67B4



**Deuteranomaly**  
89679D



**Tritanomaly**  
B2597B

# Monochromacy



**Original Color**  
B64FA1



**Achromatopsia**  
777777



**Achromatomaly**  
8E6886

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64FA1 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 #B64FA1 looks like.

```
.text, #text, p{  
    color:#B64FA1  
}
```

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 #B64FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64FA1
}
```

## Border

The CSS property to change the border of an element to Hex B64FA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

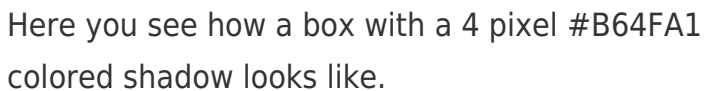
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B64FA1 }
```

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

```
.border{ border-color:#B64FA1 }
```

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



Here you see how a box with a 4 pixel #B64FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64FA1; -webkit-box-shadow:4px 4px  
4px 4px #B64FA1; box-shadow:4px 4px 4px  
4px #B64FA1 }
```

# Background

The CSS property to change the background color of an element to Hex B64FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64FA1 }
```

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

```
.background{ background-color:#B64FA1 }
```

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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