

Converting Colors

Hex(B64FA3)

Have a look what the booklet for
Hex(B64FA3) contains.

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Color

Hex(B64FA3)

Conversions

Conversions Part 1

Format	Color
Hex	B64FA3
RGB	182, 79, 163
RGB Percent	71%, 31%, 64%
CMY	0.2863, 0.6902, 0.3608
CMYK	0.00, 0.57, 0.10, 0.29
HSL	311°, 41%, 51%
HSV	311°, 57%, 71%
XYZ	28.6982, 18.1814, 36.6471
YIQ	119.3730, 34.4240, 47.9600

Conversions

Conversions Part 2

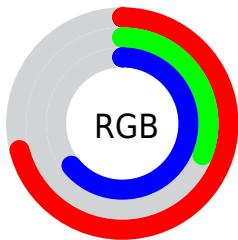
Format	Color
R_{YB}	182, 79, 163
Decimal	11947939
CIE _{Lab}	49.72, 52.18, -25.82
CIE _{LCh}	50, 58.217, 333.674
Yxy	18.1814, 0.3436, 0.2177
Android (android.graphics.Color)	4290138019 (0xFFB64FA3)
YUV	119.3730, 21.5081, 54.9239
Hunter-Lab	42.6396, 45.5185, -21.1097

Details

The Hex color **B64FA3** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4FB662**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F085DA**, and **7E146F** is the 20% darker color. If you saturate the color by 10%, you get **B63DA0**, and if you desaturate by 10%, it is **B661A6**.

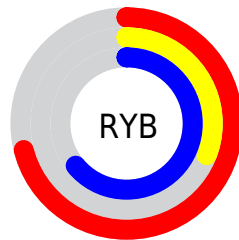
Distribution



Red (71%)

Green (31%)

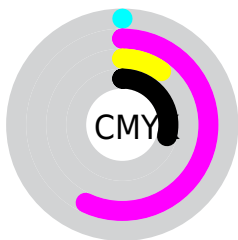
Blue (64%)



Red (71%)

Yellow (31%)

Blue (64%)

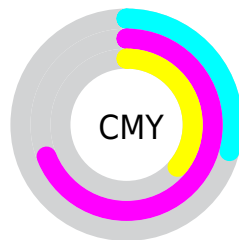


Cyan (0%)

Magenta (57%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B64FA3 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 B64FA3 by changing the saturation by 10% instead.

 B64FA3

 B64FA3

FFFFFF

 9A3489

 F085DA

 7E146F

 FFA0F7

 630056

 FFBCFF

 49003F

 FFD9FF

 320029

 FFF6FF

 0B0012

 000000

 B64FA3

 B64FA3

 B63DA0

 B661A6


 B62B9C

 B673AA

 B61899

 B686AD

 B60696

 B698B0

 B60094

 B6AAB4

 B6BCB7

 B6CEBB

 B6E1BE

 B6F3C1

Harmonies

Analogous

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



7E66C9



B64FA3



CD4372

Triad

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



B64FA3



887600



008CAC

Complementary

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



B64FA3



4FB662

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.



008D7B



B64FA3



558317

Square

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



B64FA3



B06316



008A48



0087CF

Rectangle

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



B64FA3



CD4852



008A48



008D9D

Sweetspot

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



B64FA3



EDC5E6



624FB6



786073



F7F7F7



787878

Same Dimension

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



B64FA3



ED4CCF



B64F70



5C535A



9C007F



1C0017

Inverse Universe

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



B64FA3



ED4CCF



4FB695



5C535A



9C007F



1C0017

Previews

White Background



This preview shows how the Hex color B64FA3 looks on a white background.

Color Contrast Check

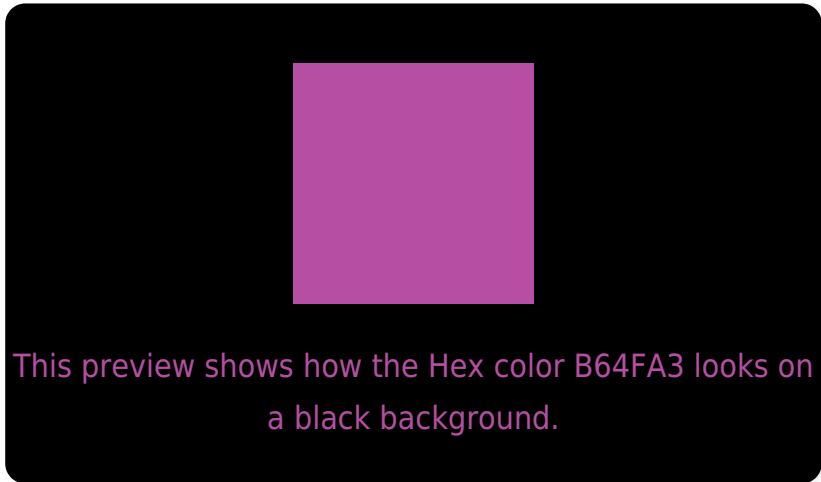
Large Text (above 18pt) WCAG AA ✓ Pass

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

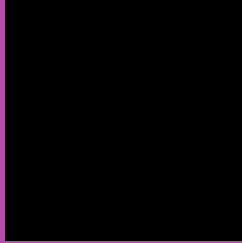
Any Text WCAG AA ✓ Pass

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 B64FA3 Background



This preview shows how black text looks on a background with the Hex color B64FA3.

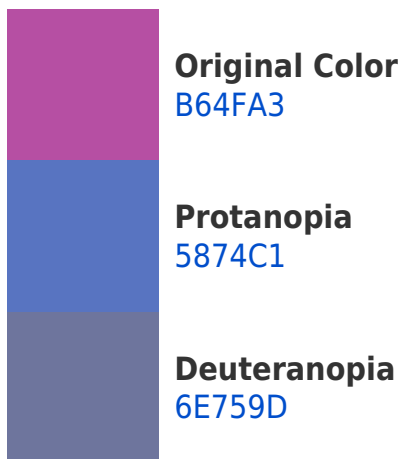



This preview shows how white text looks on a background with the Hex color B64FA3.

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
AF5E65

Trichromacy



Original Color
B64FA3



Protanomaly
7A67B6



Deuteranomaly
88679F



Tritanomaly
B2597C

Monochromacy



Original Color
B64FA3



Achromatopsia
777777



Achromatomaly
8E6887

CSS Examples

Text

The CSS property to change the color of the text to Hex B64FA3 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 #B64FA3 looks like.

```
.text, #text, p{  
    color:#B64FA3  
}
```

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 #B64FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64FA3
}
```

Border

The CSS property to change the border of an element to Hex B64FA3 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
#B64FA3 }
```

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

```
.border{ border-color:#B64FA3 }
```

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

Here you see how a box with a 4 pixel #B64FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64FA3; -webkit-box-shadow:4px 4px  
4px 4px #B64FA3; box-shadow:4px 4px 4px  
4px #B64FA3 }
```

Background

The CSS property to change the background color of an element to Hex B64FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64FA3 }
```

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

```
.background{ background-color:#B64FA3 }
```

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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