

# Converting Colors

Hex(B654FF)

Have a look what the booklet for  
Hex(B654FF) contains.

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# Color

Hex(B654FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	B654FF
RGB	182, 84, 255
RGB Percent	71%, 33%, 100%
CMY	0.2863, 0.6706, 0.0000
CMYK	0.29, 0.67, 0.00, 0.00
HSL	274°, 100%, 66%
HSV	274°, 67%, 100%
XYZ	40.5117, 23.5057, 97.0096
YIQ	132.7960, 3.5170, 73.9570

# Conversions

## Conversions Part 2

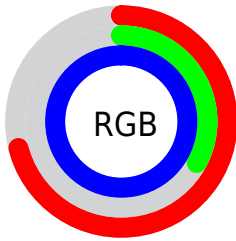
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 84, 255
Decimal	11949311
CIE Lab	55.59, 67.71, -69.02
CIE LCh	56, 96.686, 314.452
Yxy	23.5057, 0.2516, 0.1460
Android (android.graphics.Color)	4290139391 (0xFFB654FF)
YUV	132.7960, 60.2466, 43.1519
Hunter-Lab	48.4827, 64.3083, -84.6961

# Details

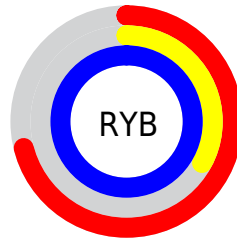
The Hex color **B654FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9DFF54**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F28CFF**, and **7B15C5** is the 20% darker color. If you saturate the color by 10%, you get **AB3AFF**, and if you desaturate by 10%, it is **C16DFF**.

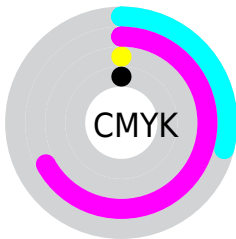
# Distribution



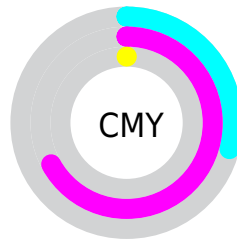
- Red (71%)
- Green (33%)
- Blue (100%)



- Red (71%)
- Yellow (33%)
- Blue (100%)



- Cyan (29%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (67%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color B654FF 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 B654FF by changing the saturation by 10% instead.



 B654FF

 B654FF

FFFFFF

 9937E2

 F28CFF

 7B15C5

 FFA8FF

 5E00A9

 FFC4FF

 3F008E

 FFE1FF

 1C0073


 00005A

 000341

 00032A

 000114

 B654FF

 B654FF

 AB3AFF

 C16DFF

 A021FF

 CC87FF

 9508FF

 D7A1FF

 9200FF

 E2BAFF

 ECD3FF

 F7EDFF

FFFFFF

# Harmonies

## Analogous

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



0083FF



B654FF



FF00B4

# Triad

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



B654FF



C57100



00A7AD

# Complementary

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



B654FF



9DFF54

# 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.



00A454



B654FF



7D8E00

# Square

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



B654FF



FA3C00



009D00



00A6FB

# Rectangle

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



B654FF



FF007D



009D00



00A690



# Sweetspot

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



B654FF



E9CCFF



549EFF



726180



000000



808080



# Same Dimension

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



B654FF



A833FF



FF54F4



7A7380



6E00BF



250040



# Inverse Universe

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



FF549D



FF338A



54FF5F



807378



BF0052

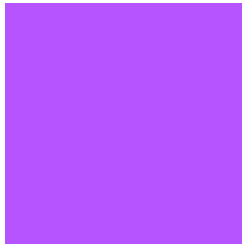


40001B



# Previews

## White Background



This preview shows how the Hex color B654FF looks on a white background.

## Color Contrast Check

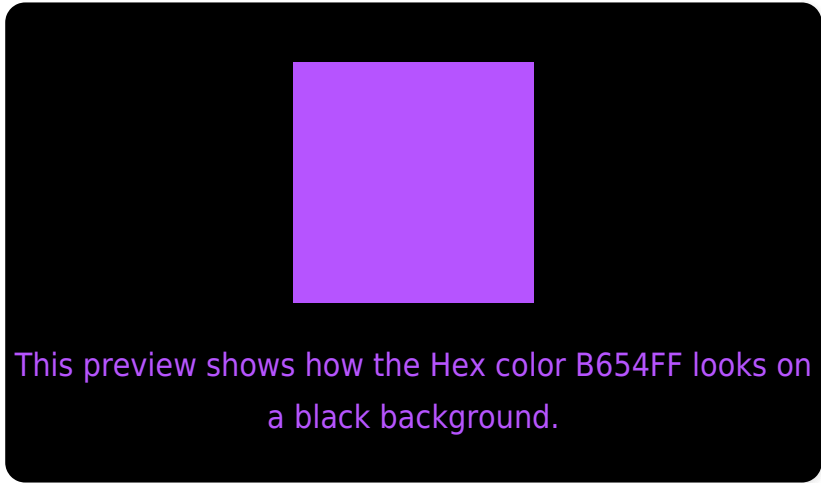
Large Text (above 18pt) WCAG AA ✓ Pass

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

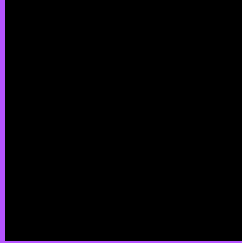
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B654FF Background



This preview shows how black text looks on a background with the Hex color B654FF.

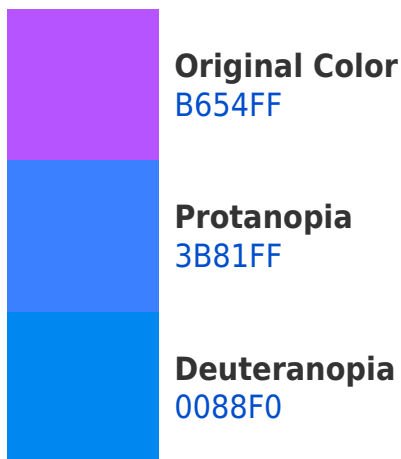


This preview shows how white text looks on a background with the Hex color B654FF.

# 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](#).

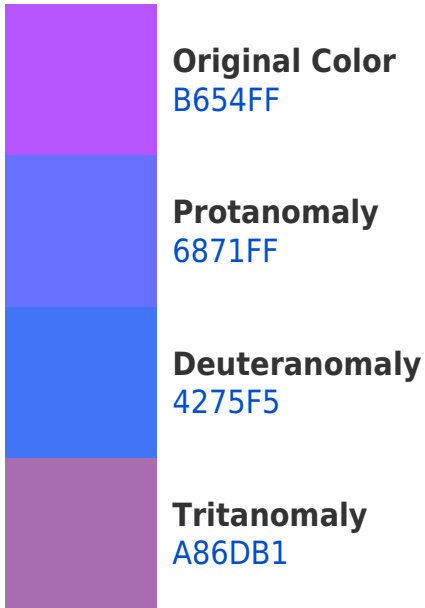
## Dichromacy



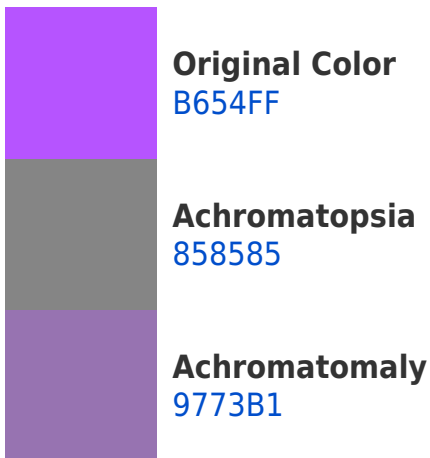


**Tritanopia**  
A07B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B654FF 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 #B654FF looks like.

```
.text, #text, p{  
    color:#B654FF  
}
```

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 #B654FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B654FF
}
```

## Border

The CSS property to change the border of an element to Hex B654FF 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".

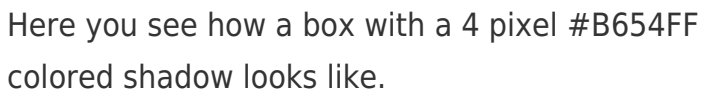
```
.border, #border, table{ border:4px solid
#B654FF }
```

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

```
.border{ border-color:#B654FF }
```

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

Here you see how a box with a 4 pixel #B654FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B654FF; -webkit-box-shadow:4px 4px  
4px 4px #B654FF; box-shadow:4px 4px 4px  
4px #B654FF }
```

# Background

The CSS property to change the background color of an element to Hex B654FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B654FF }
```

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

```
.background{ background-color:#B654FF }
```

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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