

# Converting Colors

Hex(B644F2)

Have a look what the booklet for  
Hex(B644F2) contains.

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# Color

Hex(B644F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	B644F2
RGB	182, 68, 242
RGB Percent	71%, 27%, 95%
CMY	0.2863, 0.7333, 0.0510
CMYK	0.25, 0.72, 0.00, 0.05
HSL	279°, 87%, 61%
HSV	279°, 72%, 95%
XYZ	37.3855, 20.4901, 85.9890
YIQ	121.9220, 12.0900, 78.2820

# Conversions

## Conversions Part 2

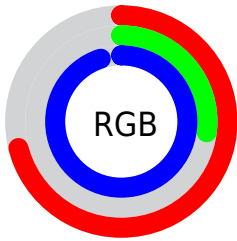
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 68, 242
Decimal	11945202
CIE Lab	52.39, 71.58, -66.96
CIE LCh	52, 98.012, 316.909
Yxy	20.4901, 0.2599, 0.1424
Android (android.graphics.Color)	4290135282 (0xFFB644F2)
YUV	121.9220, 59.1985, 52.6884
Hunter-Lab	45.2660, 68.2089, -80.9432

# Details

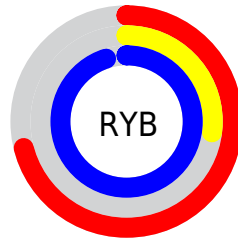
The Hex color **B644F2** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **80F244**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F27DFF**, and **7B00B9** is the 20% darker color. If you saturate the color by 10%, you get **AE2CF2**, and if you desaturate by 10%, it is **BE5CF2**.

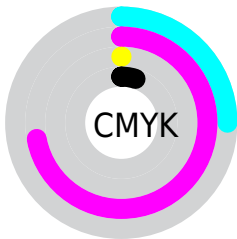
# Distribution



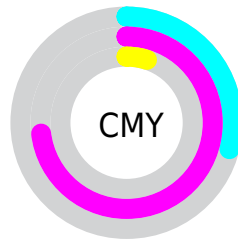
- Red (71%)
- Green (27%)
- Blue (95%)



- Red (71%)
- Yellow (27%)
- Blue (95%)



- Cyan (25%)
- Magenta (72%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (73%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B644F2 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 B644F2 by changing the saturation by 10% instead.



 B644F2

 B644F2

FFFFFF

 9923D5

 F27DFF

 7B00B9

 FF9AFF

 5E009D

 FFB6FF

 400082

 FFD4FF

 210068

 FFF1FF

 00004F

 000537

 000221

 000005

 B644F2

 B644F2

 AE2CF2

 BE5CF2

 A514F2

 C774F2

 9F00F2

 CF8DF2

 D7A5F2

 E0BDF2

 E8D5F2

 F0EDF2

 F9FFF2

 FFFFF2

# Harmonies

## Analogous

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



0078FF



B644F2



FB00A6

# Triad

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



B644F2



B66C00



009EAC

# Complementary

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



B644F2



80F244

# 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.



009C54



B644F2



6C8800

# Square

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



B644F2



ED3500



009600



009DF8

# Rectangle

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



B644F2



FF006E



009600



009E8F



# Sweetspot

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



B644F2



ECC7FF



4481F2



745E80



000000



808080



# Same Dimension

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



B644F2



B324FF



F244D8



746C78



7800B8



250038



# Inverse Universe

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



F24480



FF246F



44F25E



786C70



B8003F

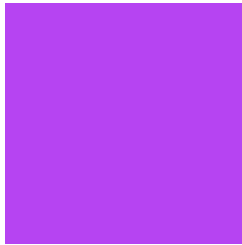


380013



# Previews

## White Background



This preview shows how the Hex color B644F2 looks on a white background.

## Color Contrast Check

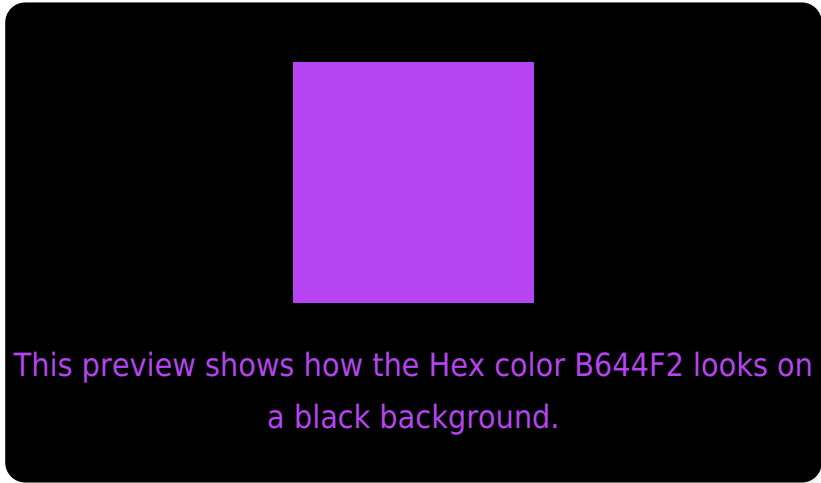
Large Text (above 18pt) WCAG AA ✓ Pass

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

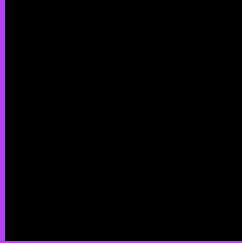
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B644F2 Background



This preview shows how black text looks on a background with the Hex color B644F2.

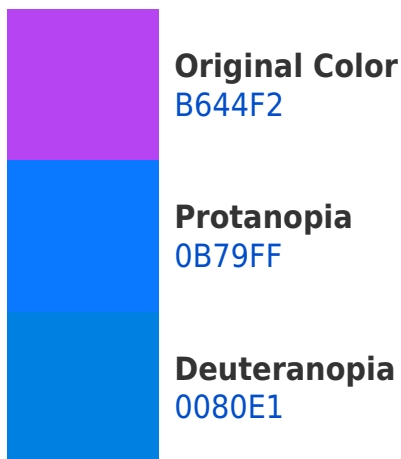


This preview shows how white text looks on a background with the Hex color B644F2.

# 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](#).

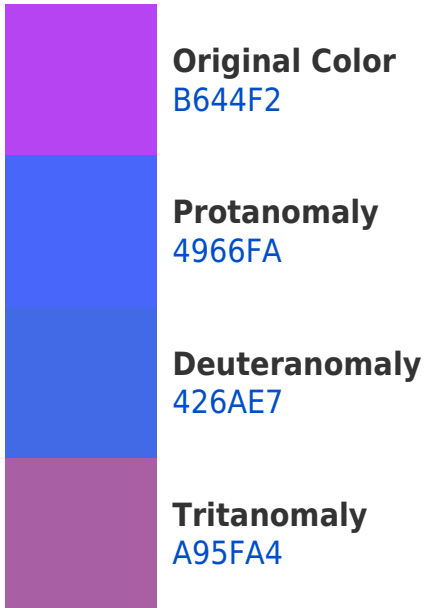
## Dichromacy



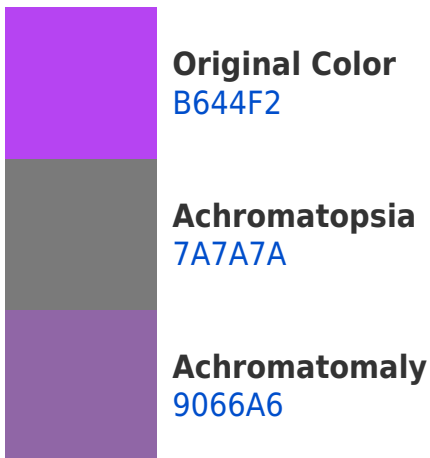


**Tritanopia**  
A26F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B644F2 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 #B644F2 looks like.

```
.text, #text, p{  
    color:#B644F2  
}
```

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 #B644F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B644F2
}
```

## Border

The CSS property to change the border of an element to Hex B644F2 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
#B644F2 }
```

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

```
.border{ border-color:#B644F2 }
```

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

Here you see how a box with a 4 pixel #B644F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B644F2; -webkit-box-shadow:4px 4px  
4px 4px #B644F2; box-shadow:4px 4px 4px  
4px #B644F2 }
```

# Background

The CSS property to change the background color of an element to Hex B644F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B644F2 }
```

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

```
.background{ background-color:#B644F2 }
```

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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