

# Converting Colors

Hex(B473F2)

Have a look what the booklet for  
Hex(B473F2) contains.

<b>Hex(B473F2)</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(B473F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	B473F2
RGB	180, 115, 242
RGB Percent	71%, 45%, 95%
CMY	0.2941, 0.5490, 0.0510
CMYK	0.26, 0.52, 0.00, 0.05
HSL	271°, 83%, 70%
HSV	271°, 52%, 95%
XYZ	40.9801, 28.3756, 87.3215
YIQ	148.9130, -2.0270, 53.2770

# Conversions

## Conversions Part 2

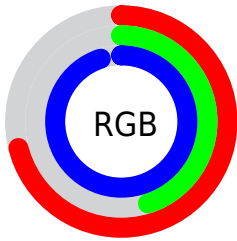
Format	Color
R <sub>Y</sub> B	180, 115, 242
Decimal	11826162
CIE Lab	60.23, 49.17, -54.39
CIE LCh	60, 73.320, 312.112
Yxy	28.3756, 0.2616, 0.1811
Android (android.graphics.Color)	4290016242 (0xFFB473F2)
YUV	148.9130, 45.8919, 27.2633
Hunter-Lab	53.2687, 44.1015, -59.9039

# Details

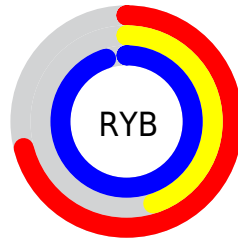
The Hex color **B473F2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B1F273**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EEA9FF**, and **7C40B9** is the 20% darker color. If you saturate the color by 10%, you get **A85BF2**, and if you desaturate by 10%, it is **C08BF2**.

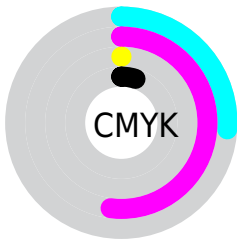
# Distribution



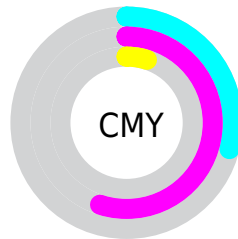
- Red (71%)
- Green (45%)
- Blue (95%)



- Red (71%)
- Yellow (45%)
- Blue (95%)



- Cyan (26%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (55%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B473F2 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 B473F2 by changing the saturation by 10% instead.



 B473F2

 B473F2

FFFFFF

 9859D5

 EEA9FF

 7C40B9

 FFC5FF

 60269E

 FFE1FF

 440883

FFFEFF

 270069

 0B0050

 000038

 000222

 000007

 B473F2

 B473F2

 A85BF2

 C08BF2

 9C43F2

 CCA3F2

 912AF2

 D7BCF2

 8512F2

 E3D4F2

 7C00F2

 EFECF2

 FBFFF2

 FFFFF2

# Harmonies

## Analogous

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



0090FF



B473F2



F053BA

# Triad

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



B473F2



CE8000



00AEAA

# Complementary

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



B473F2



B1F273

# 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.



00AC67



B473F2



969600

# Square

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



B473F2



F5623D



4BA523



00ACE7

# Rectangle

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



B473F2



FF498F



4BA523



00AE94



# Sweetspot

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



B473F2



EBD6FF



73B3F2



746780



000000



808080



# Same Dimension

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



B473F2



B15EFF



F273F2



726C78



5E00B8



1D0038



# Inverse Universe

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



F273B1



FF5EAD



73F273



786C72



B8005A

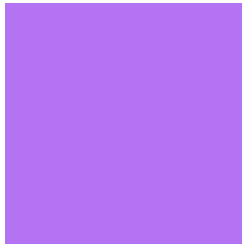


38001B



# Previews

## White Background



This preview shows how the Hex color B473F2 looks on a white background.

## Color Contrast Check

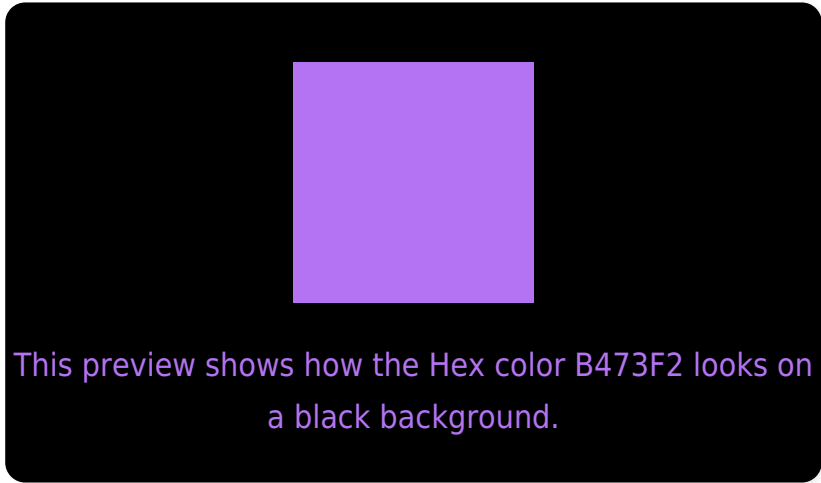
Large Text (above 18pt) WCAG AA ✓ Pass

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

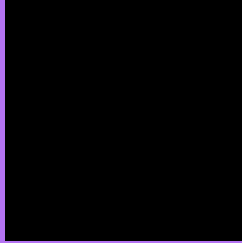
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B473F2 Background



This preview shows how black text looks on a background with the Hex color B473F2.

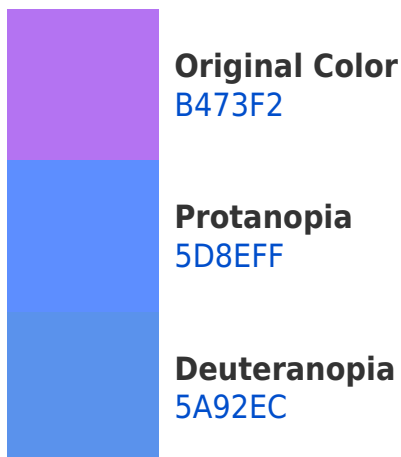



This preview shows how white text looks on a background with the Hex color B473F2.

# 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](#).

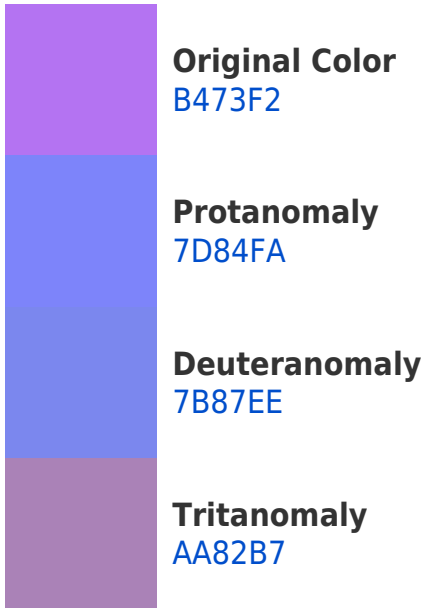
## Dichromacy





**Tritanopia**  
A48A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B473F2 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 #B473F2 looks like.

```
.text, #text, p{  
    color:#B473F2  
}
```

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 #B473F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B473F2
}
```

## Border

The CSS property to change the border of an element to Hex B473F2 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
#B473F2 }
```

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

```
.border{ border-color:#B473F2 }
```

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

Here you see how a box with a 4 pixel #B473F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B473F2; -webkit-box-shadow:4px 4px  
4px 4px #B473F2; box-shadow:4px 4px 4px  
4px #B473F2 }
```

# Background

The CSS property to change the background color of an element to Hex B473F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B473F2 }
```

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

```
.background{ background-color:#B473F2 }
```

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