

# Converting Colors

Hex(B253FF)

Have a look what the booklet for  
Hex(B253FF) contains.

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**Color**

**Hex(B253FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B253FF
RGB	178, 83, 255
RGB Percent	70%, 33%, 100%
CMY	0.3020, 0.6745, 0.0000
CMYK	0.30, 0.67, 0.00, 0.00
HSL	273°, 100%, 66%
HSV	273°, 67%, 100%
XYZ	39.5034, 22.8715, 96.9403
YIQ	131.0130, 1.4080, 73.6320

# Conversions

## Conversions Part 2

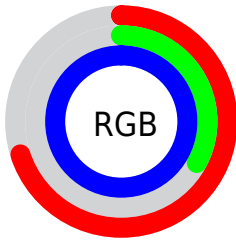
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 83, 255
Decimal	11686911
CIE <sub>Lab</sub>	54.94, 67.36, -70.09
CIE <sub>LCh</sub>	55, 97.215, 313.862
Yxy	22.8715, 0.2480, 0.1436
Android (android.graphics.Color)	4289876991 (0xFFB253FF)
YUV	131.0130, 61.1256, 41.2076
Hunter-Lab	47.8241, 63.7510, -86.7049

# Details

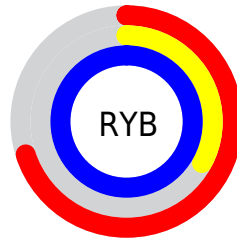
The Hex color **B253FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **A0FF53**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EE8AFF**, and **7714C5** is the 20% darker color. If you saturate the color by 10%, you get **A739FF**, and if you desaturate by 10%, it is **BD6CFF**.

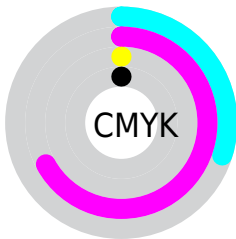
# Distribution



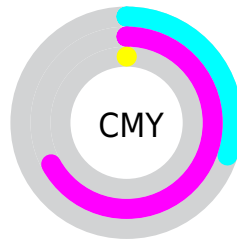
- Red (70%)
- Green (33%)
- Blue (100%)



- Red (70%)
- Yellow (33%)
- Blue (100%)



- Cyan (30%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B253FF 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 B253FF by changing the saturation by 10% instead.



 B253FF

 B253FF

FFFFFF

 9436E2

 EE8AFF

 7714C5

 FFA6FF

 5900A9

 FFC3FF

 3A008E

 FFE0FF

 140073

 FFFDFF

 00005A

 000541

 00032A

 000114

 B253FF

 B253FF

 A739FF

 BD6CFF

 9B20FF

 C986FF

 9007FF

 D4A0FF

 8D00FF

 E0B9FF

 EBD3FF

 F6ECFF

FFFFFF

# Harmonies

## Analogous

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



0082FF



B253FF



FE00B5

# Triad

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



B253FF



C56F00



00A5AA

# Complementary

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



B253FF



A0FF53

# 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.



00A251



B253FF



7D8C00

# Square

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



B253FF



F93700



009B00



00A4F8

# Rectangle

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



B253FF



FF007D



009B00



00A58D



# Sweetspot

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



B253FF



E8CCFF



53A0FF



726180



000000



808080



# Same Dimension

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



B253FF



A330FF



FF53F6



7A7380



6A00BF



230040



# Inverse Universe

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



FF53A0



FF308D



53FF5C



807378



BF0056

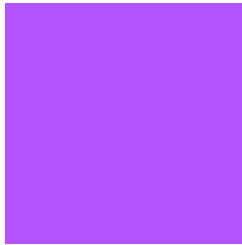


40001D



# Previews

## White Background



This preview shows how the Hex color B253FF 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

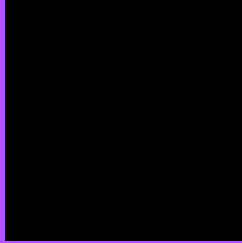
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B253FF Background



This preview shows how black text looks on a background with the Hex color B253FF.




This preview shows how white text looks on a background with the Hex color B253FF.

# 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**  
9C7A84

# Trichromacy



**Original Color**  
B253FF



**Protanomaly**  
626FFF



**Deuteranomaly**  
4173F3



**Tritanomaly**  
A46CB1

# Monochromacy



**Original Color**  
B253FF



**Achromatopsia**  
838383



**Achromatomaly**  
9472B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B253FF 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 #B253FF looks like.

```
.text, #text, p{  
    color:#B253FF  
}
```

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 #B253FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B253FF
}
```

## Border

The CSS property to change the border of an element to Hex B253FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

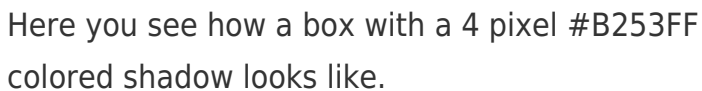
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B253FF }
```

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

```
.border{ border-color:#B253FF }
```

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



Here you see how a box with a 4 pixel #B253FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B253FF; -webkit-box-shadow:4px 4px  
4px 4px #B253FF; box-shadow:4px 4px 4px  
4px #B253FF }
```

# Background

The CSS property to change the background color of an element to Hex B253FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B253FF }
```

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

```
.background{ background-color:#B253FF }
```

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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