

# Converting Colors

Hex(B24FE3)

Have a look what the booklet for  
Hex(B24FE3) contains.

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**Color**

**Hex(B24FE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B24FE3
RGB	178, 79, 227
RGB Percent	70%, 31%, 89%
CMY	0.3020, 0.6902, 0.1098
CMYK	0.22, 0.65, 0.00, 0.11
HSL	280°, 73%, 60%
HSV	280°, 65%, 89%
XYZ	35.0212, 20.6030, 74.8040
YIQ	125.4730, 11.4960, 67.0160

# Conversions

## Conversions Part 2

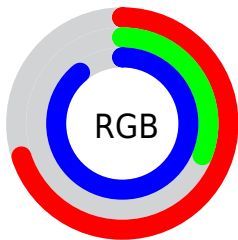
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 79, 227
Decimal	11685859
CIELab	52.51, 63.14, -58.35
CIELCh	53, 85.976, 317.259
Yxy	20.6030, 0.2685, 0.1580
Android (android.graphics.Color)	4289875939 (0xFFB24FE3)
YUV	125.4730, 50.0528, 46.0662
Hunter-Lab	45.3905, 58.2889, -65.9371

# Details

The Hex color **B24FE3** 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 **80E34F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ED86FF**, and **790FAB** is the 20% darker color. If you saturate the color by 10%, you get **AA38E3**, and if you desaturate by 10%, it is **BA66E3**.

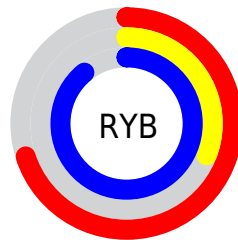
# Distribution



Red (70%)

Green (31%)

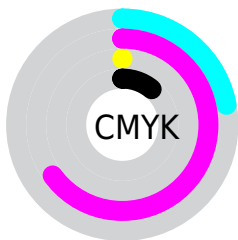
Blue (89%)



Red (70%)

Yellow (31%)

Blue (89%)

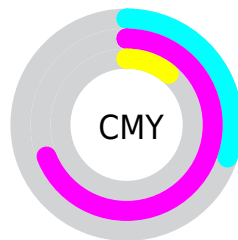


Cyan (22%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (69%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B24FE3 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 B24FE3 by changing the saturation by 10% instead.



 B24FE3

 B24FE3

FFFFFF

 9533C7

 ED86FF

 790FAB

 FFA2FF

 5D0090

 FFBEFF

 400075

 FFDBFF

 24005C

 FFF9FF

 000043

 00032C

 000116

 000000

 B24FE3

 B24FE3

 AA38E3

 BA66E3

 A322E3

 C17CE3

 9B0BE3

 C993E3

 9800E3

 D0AAE3

 D8C1E3

 DFD7E3

 E7EEE3

 EEFFE3

 F6FFE3

# Harmonies

## Analogous

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



0078FF



B24FE3



EE00A0

# Triad

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



B24FE3



B26F00



009CA7

# Complementary

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



B24FE3



80E34F

# 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.



009A5A



B24FE3



718700

# Square

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



B24FE3



E24602



009400



009AEA

# Rectangle

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



B24FE3



FA006F



009400



009C8E



# Sweetspot

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



B24FE3



EECCFF



4F80E3



756180



000000



808080



# Same Dimension

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



B24FE3



BD38FF



E34FCA



6F6773



7700B3



220033



# Inverse Universe

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



E34F80



FF387A



4FE368



73676B



B3003B



330011



# Previews

## White Background



This preview shows how the Hex color B24FE3 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

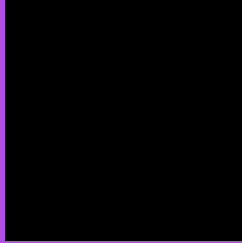
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B24FE3 Background



This preview shows how black text looks on a background with the Hex color B24FE3.

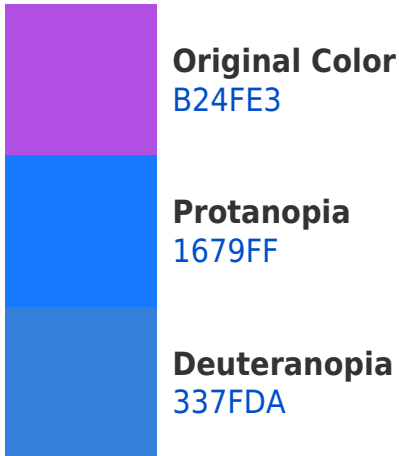


This preview shows how white text looks on a background with the Hex color B24FE3.

# 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](#).

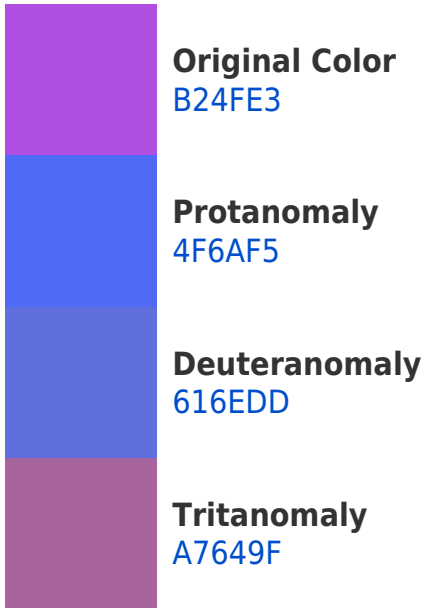
## Dichromacy



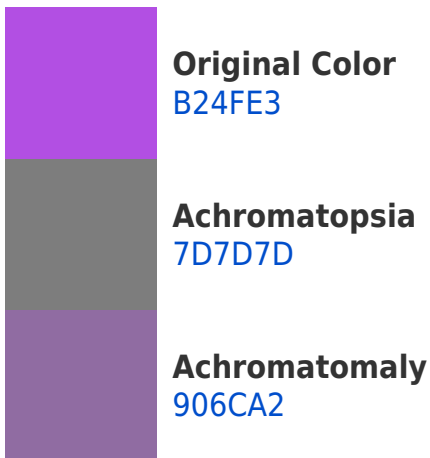


**Tritanopia**  
A17078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B24FE3 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 #B24FE3 looks like.

```
.text, #text, p{  
    color:#B24FE3  
}
```

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 #B24FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24FE3
}
```

## Border

The CSS property to change the border of an element to Hex B24FE3 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
#B24FE3 }
```

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

```
.border{ border-color:#B24FE3 }
```

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

Here you see how a box with a 4 pixel #B24FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24FE3; -webkit-box-shadow:4px 4px  
4px 4px #B24FE3; box-shadow:4px 4px 4px  
4px #B24FE3 }
```

# Background

The CSS property to change the background color of an element to Hex B24FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24FE3 }
```

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

```
.background{ background-color:#B24FE3 }
```

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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