

# Converting Colors

Hex(B03EF4)

Have a look what the booklet for  
Hex(B03EF4) contains.

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**Color**

**Hex(B03EF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B03EF4
RGB	176, 62, 244
RGB Percent	69%, 24%, 96%
CMY	0.3098, 0.7569, 0.0431
CMYK	0.28, 0.75, 0.00, 0.04
HSL	278°, 89%, 60%
HSV	278°, 75%, 96%
XYZ	35.9563, 19.2070, 87.4002
YIQ	116.8340, 9.5220, 80.7700

# Conversions

## Conversions Part 2

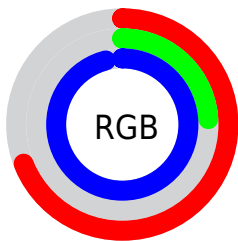
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 62, 244
Decimal	11550452
CIE <sub>Lab</sub>	50.93, 73.13, -70.48
CIE <sub>LCh</sub>	51, 101.565, 316.059
Y <sub>xy</sub>	19.2070, 0.2522, 0.1347
Android (android.graphics.Color)	4289740532 (0xFFB03EF4)
Y <sub>UV</sub>	116.8340, 62.6928, 51.8886
Hunter-Lab	43.8258, 69.7526, -87.5618

# Details

The Hex color **B03EF4** 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 **82F43E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **EC78FF**, and **7500BB** is the 20% darker color. If you saturate the color by 10%, you get **A726F4**, and if you desaturate by 10%, it is **B956F4**.

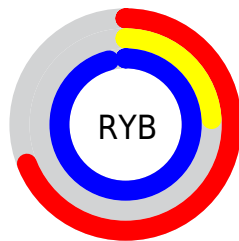
# Distribution



Red (69%)

Green (24%)

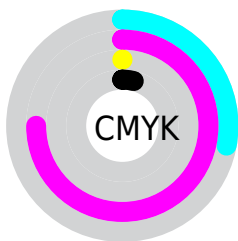
Blue (96%)



Red (69%)

Yellow (24%)

Blue (96%)

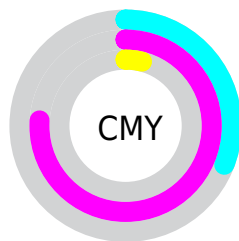


Cyan (28%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (76%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B03EF4 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 B03EF4 by changing the saturation by 10% instead.



 B03EF4

 B03EF4

FFFFFF

 921BD7

 EC78FF

 7500BB

 FF95FF

 57009F

 FFB1FF

 380084

 FFCEFF

 16006A

 FFECFF

 000050

 000538

 000222

 000008

 B03EF4

 B03EF4

 A726F4

 B956F4

 9E0DF4

 C26FF4

 9900F4

 CB87F4

 D4A0F4

 DEB8F4

 E7D0F4

 F0E9F4

 F9FFF4

 FFFFF4

# Harmonies

## Analogous

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



0076FF



B03EF4



F900A6

# Triad

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



B03EF4



B56700



009BA7

# Complementary

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



B03EF4



82F43E

# 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.



00984C



B03EF4



688400

# Square

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



B03EF4



EC2700



009200



009AF7

# Rectangle

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



B03EF4



FF006C



009200



009A8A



# Sweetspot

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



B03EF4



EAC7FF



3E84F4



735E80



000000



808080



# Same Dimension

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



B03EF4



A919FF



F43EDF



766E7A



7500BA



25003B



# Inverse Universe

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



F43E82



FF196F



3EF453



7A6E73



BA0046

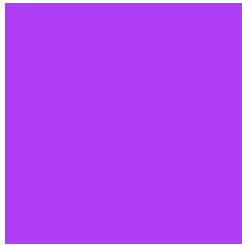


3B0016



# Previews

## White Background



This preview shows how the Hex color B03EF4 looks on a white background.

## Color Contrast Check

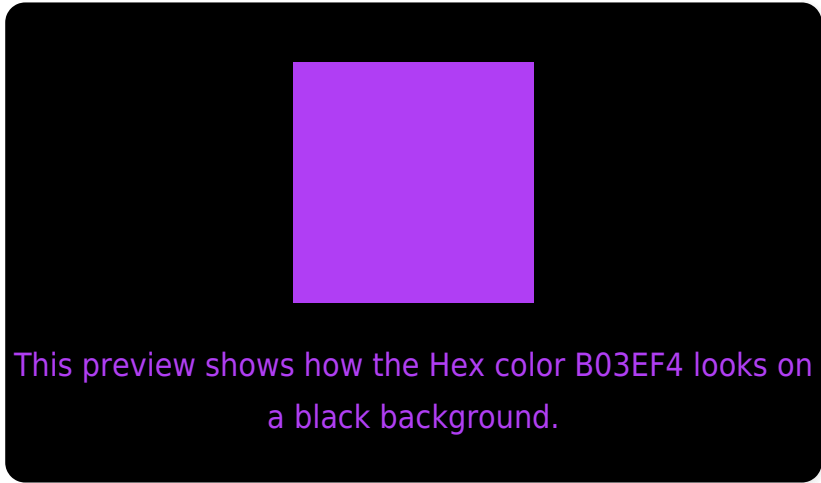
Large Text (above 18pt) WCAG AA ✓ Pass

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

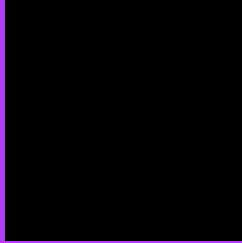
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B03EF4 Background



This preview shows how black text looks on a background with the Hex color B03EF4.

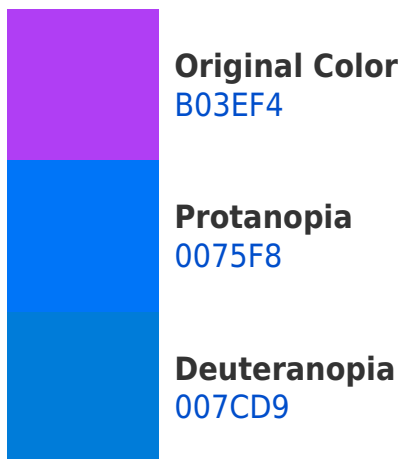



This preview shows how white text looks on a background with the Hex color B03EF4.

# 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](#).

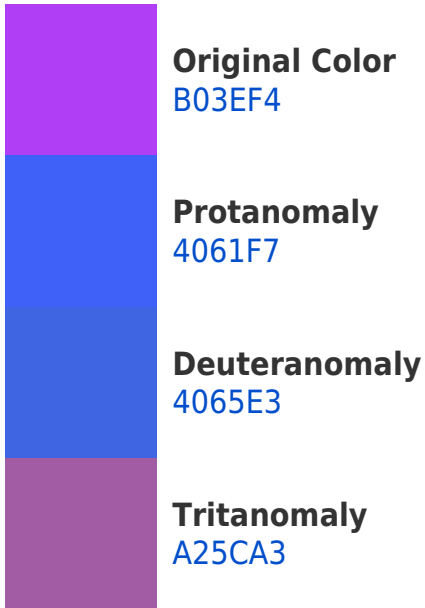
## Dichromacy



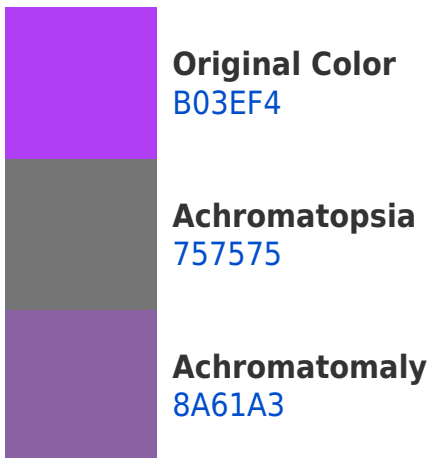


**Tritanopia**  
9A6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B03EF4 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 #B03EF4 looks like.

```
.text, #text, p{  
    color:#B03EF4  
}
```

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 #B03EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03EF4
}
```

## Border

The CSS property to change the border of an element to Hex B03EF4 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
#B03EF4 }
```

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

```
.border{ border-color:#B03EF4 }
```

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

Here you see how a box with a 4 pixel #B03EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03EF4; -webkit-box-shadow:4px 4px  
4px 4px #B03EF4; box-shadow:4px 4px 4px  
4px #B03EF4 }
```

# Background

The CSS property to change the background color of an element to Hex B03EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03EF4 }
```

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

```
.background{ background-color:#B03EF4 }
```

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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