

# Converting Colors

Hex(B132F6)

Have a look what the booklet for  
Hex(B132F6) contains.

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**Color**

**Hex(B132F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B132F6
RGB	177, 50, 246
RGB Percent	69%, 20%, 96%
CMY	0.3059, 0.8039, 0.0353
CMYK	0.28, 0.80, 0.00, 0.04
HSL	279°, 92%, 58%
HSV	279°, 80%, 96%
XYZ	35.9066, 18.2821, 88.8251
YIQ	110.3170, 12.7760, 87.8800

# Conversions

## Conversions Part 2

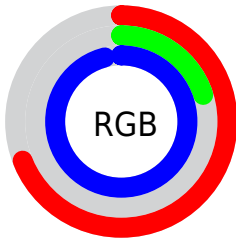
Format	Color
R <sub>Y</sub> B	177, 50, 246
Decimal	11612918
CIE Lab	49.84, 77.67, -73.37
CIE LCh	50, 106.843, 316.633
Yxy	18.2821, 0.2511, 0.1278
Android (android.graphics.Color)	4289802998 (0xFFB132F6)
YUV	110.3170, 66.8917, 58.4810
Hunter-Lab	42.7576, 75.0733, -93.2393

# Details

The Hex color **B132F6** 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 **77F632**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **EE6FFF**, and **7500BC** is the 20% darker color. If you saturate the color by 10%, you get **A819F6**, and if you desaturate by 10%, it is **BA4BF6**.

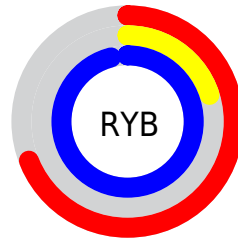
# Distribution



Red (69%)

Green (20%)

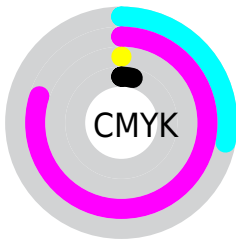
Blue (96%)



Red (69%)

Yellow (20%)

Blue (96%)

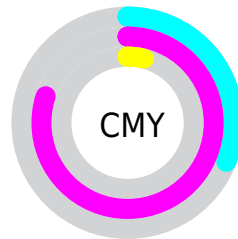


Cyan (28%)

Magenta (80%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (80%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B132F6 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 B132F6 by changing the saturation by 10% instead.



 B132F6

 B132F6

FFFFFF

 9300D9

 EE6FFF

 7500BC

 FF8CFF

 5700A1

 FFA9FF

 370085

 FFC6FF

 15006B

 FFE4FF

 000052

 00053A

 000223

 00000A

 B132F6

 B132F6

 A819F6

 BA4BF6

 A001F6

 C263F6

 9F00F6

 CB7CF6

 D494F6

 DCADF6

 E5C6F6

 EEDEF6

 F6F7F6

 FFFFF6

# Harmonies

## Analogous

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



0073FF



B132F6



FC00A3

# Triad

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



B132F6



B16400



0098A9

# Complementary

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



B132F6



77F632

# 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.



009649



B132F6



618200

# Square

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



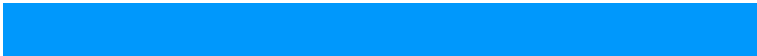
B132F6



EC1500



009000



0098FC

# Rectangle

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



B132F6



FF0067



009000



009889



# Sweetspot

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



B132F6



E9C2FF



327AF6



725B80



000000



808080



# Same Dimension

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



B132F6



A90AFF



F632DC



766E7A



7900BA



26003B



# Inverse Universe

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



F63277



FF0A60



32F64C



7A6E72



BA0042

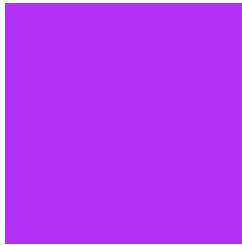


3B0015



# Previews

## White Background



This preview shows how the Hex color B132F6 looks on a white background.

## Color Contrast Check

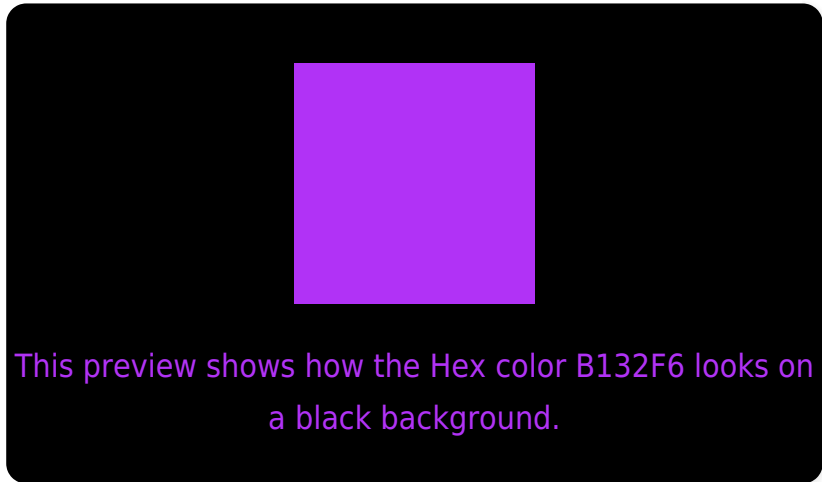
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

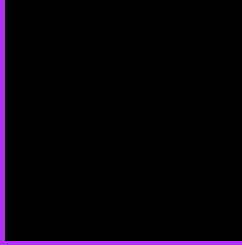
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B132F6 Background



This preview shows how black text looks on a background with the Hex color B132F6.

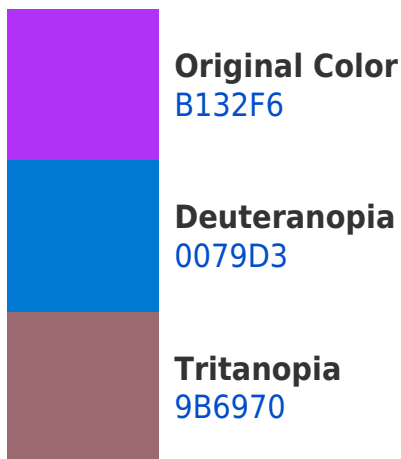


This preview shows how white text looks on a background with the Hex color B132F6.

# 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



# Trichromacy



**Original Color**  
B132F6



**Deuteranomaly**  
405FE0

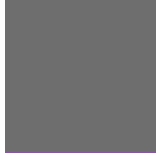


**Tritanomaly**  
A355A1

# Monochromacy



**Original Color**  
B132F6



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
86589F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B132F6 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 #B132F6 looks like.

```
.text, #text, p{  
    color:#B132F6  
}
```

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 #B132F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B132F6
}
```

## Border

The CSS property to change the border of an element to Hex B132F6 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
#B132F6 }
```

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

```
.border{ border-color:#B132F6 }
```

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

Here you see how a box with a 4 pixel #B132F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B132F6; -webkit-box-shadow:4px 4px  
4px 4px #B132F6; box-shadow:4px 4px 4px  
4px #B132F6 }
```

# Background

The CSS property to change the background color of an element to Hex B132F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B132F6 }
```

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

```
.background{ background-color:#B132F6 }
```

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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