

Converting Colors

Hex(B10CF9)

Have a look what the booklet for
Hex(B10CF9) contains.

Hex(B10CF9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B10CF9)

Conversions

Conversions Part 1

Format	Color
Hex	B10CF9
RGB	177, 12, 249
RGB Percent	69%, 5%, 98%
CMY	0.3059, 0.9529, 0.0235
CMYK	0.29, 0.95, 0.00, 0.02
HSL	282°, 95%, 51%
HSV	282°, 95%, 98%
XYZ	35.3618, 16.4496, 90.9338
YIQ	88.3530, 22.2630, 108.6870

Conversions

Conversions Part 2

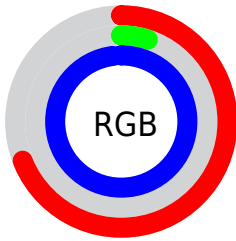
Format	Color
R_{YB}	177, 12, 249
Decimal	11603193
CIE _{Lab}	47.56, 85.65, -78.76
CIE _{LCh}	48, 116.359, 317.401
Yxy	16.4496, 0.2477, 0.1152
Android (android.graphics.Color)	4289793273 (0xFFB10CF9)
YUV	88.3530, 79.1990, 77.7434
Hunter-Lab	40.5581, 84.6539, -104.5412

Details

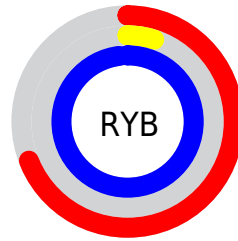
The Hex color **B10CF9** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **54F90C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **EE5EFF**, and **7400BF** is the 20% darker color. If you saturate the color by 10%, you get **AD00F9**, and if you desaturate by 10%, it is **B925F9**.

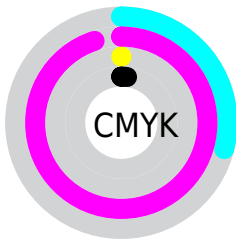
Distribution



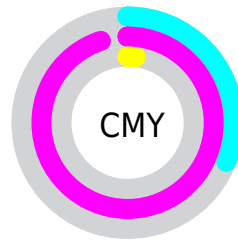
- Red (69%)
- Green (5%)
- Blue (98%)



- Red (69%)
- Yellow (5%)
- Blue (98%)



- Cyan (29%)
- Magenta (95%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (95%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B10CF9 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 B10CF9 by changing the saturation by 10% instead.

 B10CF9

 B10CF9

FFFFFF

 9300DC

 EE5EFF

 7400BF

 FF7CFF

 5500A3


 FF9AFF

 330088

 FFB7FF


 05006E

 FFD5FF

 000054

 FFF3FF

 00063C

 000225

 00010D

 B10CF9

 B10CF9

 AD00F9

 B925F9

 C03EF9

 C857F9

 CF70F9

 D788F9

 DEA1F9

 E6BAF9

 EED3F9

 F5ECF9

Harmonies

Analogous

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



006DFF



B10CF9



FF009F

Triad

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



B10CF9



AB5E00



0093AA

Complementary

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



B10CF9



54F90C

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.



009142



B10CF9



527E00

Square

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



B10CF9



EB0000



008B00



0094FF

Rectangle

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



B10CF9



FF005F



008B00



009388

Sweetspot

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



B10CF9



E9B5FF



0C57F9



725380



000000



808080

Same Dimension

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



B10CF9



B200FF



F90CCE



79707D



8300BD



2B003D

Inverse Universe

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



F90C54



FF004D



0CF937



7D7074



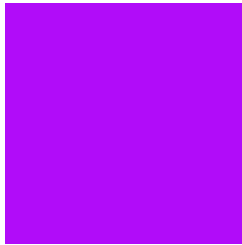
BD0039



3D0013

Previews

White Background



This preview shows how the Hex color B10CF9 looks on a white background.

Color Contrast Check

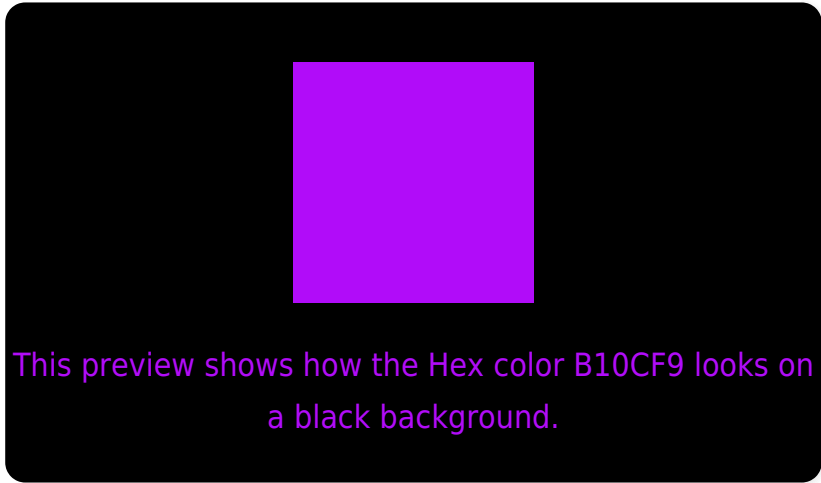
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B10CF9 Background



This preview shows how black text looks on a background with the Hex color B10CF9.



This preview shows how white text looks on a background with the Hex color B10CF9.

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



Original Color
B10CF9

Protanopia
006EE7

Deuteranopia
0074C9



Tritanopia
996269

Trichromacy



Original Color
B10CF9



Protanomaly
404AEE



Deuteranomaly
404EDA



Tritanomaly
A2439D

Monochromacy



Original Color
B10CF9



Achromatopsia
585858



Achromatomaly
783C93

CSS Examples

Text

The CSS property to change the color of the text to Hex B10CF9 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 #B10CF9 looks like.

```
.text, #text, p{  
    color:#B10CF9  
}
```

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 #B10CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B10CF9
}
```

Border

The CSS property to change the border of an element to Hex B10CF9 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
#B10CF9 }
```

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

```
.border{ border-color:#B10CF9 }
```

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

Here you see how a box with a 4 pixel #B10CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B10CF9; -webkit-box-shadow:4px 4px  
4px 4px #B10CF9; box-shadow:4px 4px 4px  
4px #B10CF9 }
```

Background

The CSS property to change the background color of an element to Hex B10CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B10CF9 }
```

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

```
.background{ background-color:#B10CF9 }
```

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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