

Converting Colors

Hex(BD50F4)

Have a look what the booklet for
Hex(BD50F4) contains.

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Color

Hex(BD50F4)

Conversions

Conversions Part 1

Format	Color
Hex	BD50F4
RGB	189, 80, 244
RGB Percent	74%, 31%, 96%
CMY	0.2588, 0.6863, 0.0431
CMYK	0.23, 0.67, 0.00, 0.04
HSL	280°, 88%, 64%
HSV	280°, 67%, 96%
XYZ	40.1841, 23.0878, 87.9264
YIQ	131.2870, 12.3200, 74.1120

Conversions

Conversions Part 2

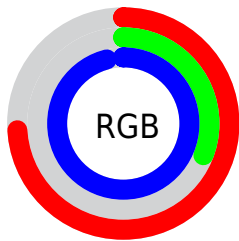
Format	Color
R _Y B	189, 80, 244
Decimal	12407028
CIE Lab	55.16, 68.53, -63.55
CIE LCh	55, 93.463, 317.160
Yxy	23.0878, 0.2658, 0.1527
Android (android.graphics.Color)	4290597108 (0xFFBD50F4)
YUV	131.2870, 55.5675, 50.6143
Hunter-Lab	48.0498, 65.1927, -74.8601

Details

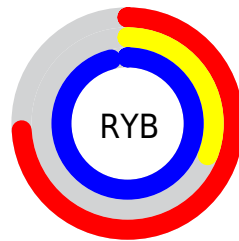
The Hex color **BD50F4** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **87F450**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F988FF**, and **8309BB** is the 20% darker color. If you saturate the color by 10%, you get **B538F4**, and if you desaturate by 10%, it is **C568F4**.

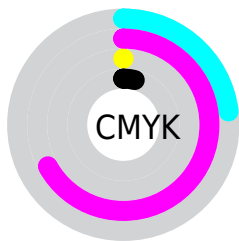
Distribution



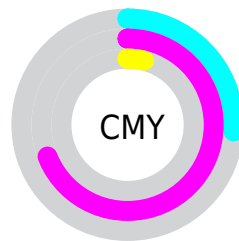
- Red (74%)
- Green (31%)
- Blue (96%)



- Red (74%)
- Yellow (31%)
- Blue (96%)



- Cyan (23%)
- Magenta (67%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (69%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD50F4 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 BD50F4 by changing the saturation by 10% instead.

 BD50F4

 BD50F4

FFFFFF

 A032D7

 F988FF

 8309BB

 FFA5FF

 66009F

 FFC1FF

 490084

 FFDEFF

 2B006A

 FFFCFF

 020051

 000239

 000222

 000008

 BD50F4

 BD50F4

 B538F4

 C568F4

 AD1FF4

 CD81F4

 A407F4

 D699F4

 A200F4

 DEB2F4

 E6CAF4

 EEE2F4

 F6FBF4

 FEFFF4

 FFFFF4

Harmonies

Analogous

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



007FFF



BD50F4



FF00AA

Triad

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



BD50F4



BD7400



00A5B2

Complementary

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



BD50F4



87F450

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.



00A35D



BD50F4



758F00

Square

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



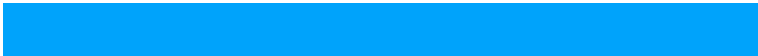
BD50F4



F24500



009C00



00A3FB

Rectangle

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



BD50F4



FF0075



009C00



00A596

Sweetspot

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



BD50F4



EECCFF



5089F4



756180



000000



808080

Same Dimension

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



BD50F4



BA30FF



F450DB



766E7A



7C00BA



27003B

Inverse Universe

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



F45087



FF3076



50F469



7A6E72



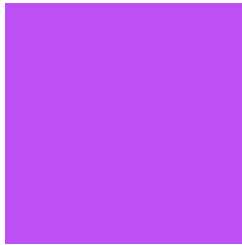
BA003E



3B0014

Previews

White Background



This preview shows how the Hex color BD50F4 looks on a white background.

Color Contrast Check

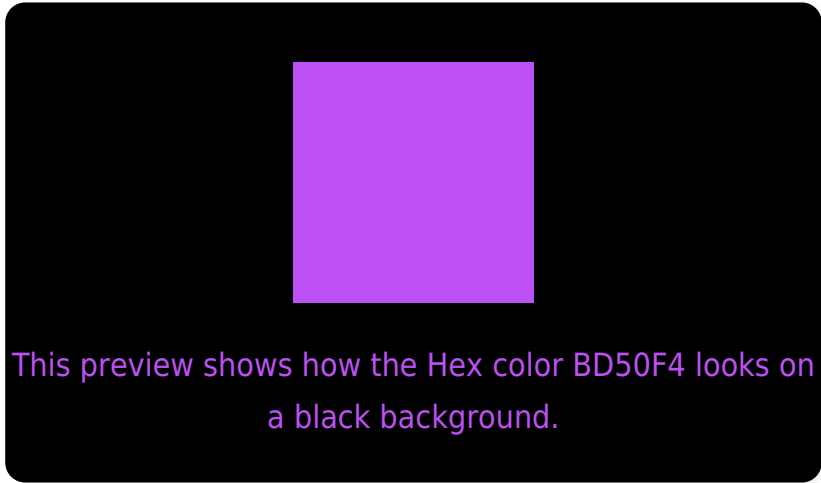
Large Text (above 18pt) WCAG AA ✓ Pass

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

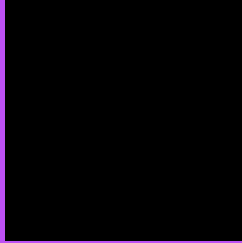
Any Text WCAG AA ✓ Pass

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 BD50F4 Background



This preview shows how black text looks on a background with the Hex color BD50F4.

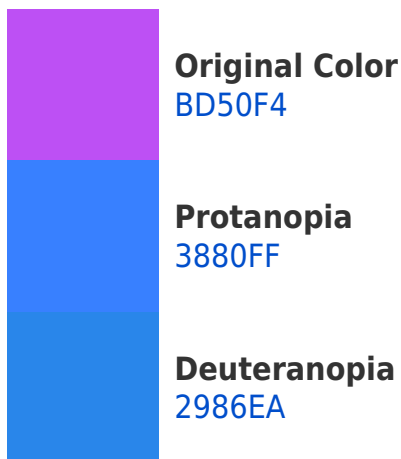


This preview shows how white text looks on a background with the Hex color BD50F4.

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
AA757E

Trichromacy



Original Color
BD50F4



Protanomaly
686FFB



Deuteranomaly
5F72EE



Tritanomaly
B168A9

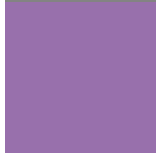
Monochromacy



Original Color
BD50F4



Achromatopsia
838383



Achromatomaly
9870AC

CSS Examples

Text

The CSS property to change the color of the text to Hex BD50F4 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 #BD50F4 looks like.

```
.text, #text, p{  
    color:#BD50F4  
}
```

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 #BD50F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD50F4
}
```

Border

The CSS property to change the border of an element to Hex BD50F4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

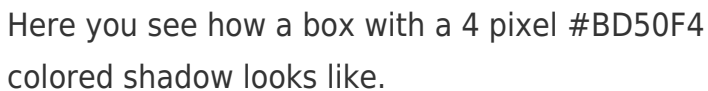
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD50F4 }
```

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

```
.border{ border-color:#BD50F4 }
```

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



Here you see how a box with a 4 pixel `#BD50F4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD50F4; -webkit-box-shadow:4px 4px  
4px 4px #BD50F4; box-shadow:4px 4px 4px  
4px #BD50F4 }
```

Background

The CSS property to change the background color of an element to Hex BD50F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD50F4 }
```

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

```
.background{ background-color:#BD50F4 }
```

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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