

Converting Colors

Hex(BD14F5)

Have a look what the booklet for
Hex(BD14F5) contains.

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Color

Hex(**BD14F5**)

Conversions

Conversions Part 1

Format	Color
Hex	BD14F5
RGB	189, 20, 245
RGB Percent	74%, 8%, 96%
CMY	0.2588, 0.9216, 0.0392
CMYK	0.23, 0.92, 0.00, 0.04
HSL	285°, 92%, 52%
HSV	285°, 92%, 96%
XYZ	37.7179, 17.9117, 87.8556
YIQ	96.1810, 28.4990, 105.8030

Conversions

Conversions Part 2

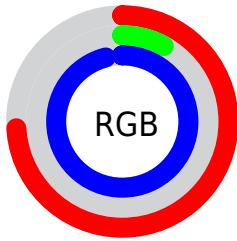
Format	Color
R_{YB}	189, 20, 245
Decimal	12391669
CIE _{Lab}	49.39, 85.58, -73.45
CIE _{LCh}	49, 112.781, 319.360
Yxy	17.9117, 0.2629, 0.1248
Android (android.graphics.Color)	4290581749 (0xFFBD14F5)
YUV	96.1810, 73.3678, 81.4023
Hunter-Lab	42.3222, 85.0166, -93.4530

Details

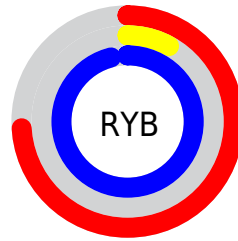
The Hex color **BD14F5** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed purple. A complement of this color would be **4CF514**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FA62FF**, and **8100BB** is the 20% darker color. If you saturate the color by 10%, you get **B800F5**, and if you desaturate by 10%, it is **C32DF5**.

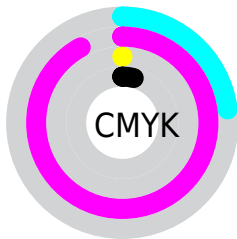
Distribution



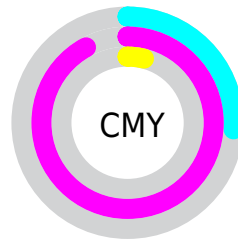
- Red (74%)
- Green (8%)
- Blue (96%)



- Red (74%)
- Yellow (8%)
- Blue (96%)



- Cyan (23%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD14F5 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 BD14F5 by changing the saturation by 10% instead.

 BD14F5

 BD14F5

FFFFFF

 9F00D8

 FA62FF

 8100BB

 FF80FF

 6300A0

 FF9EFF

 440085

 FFBCFF

 25006A

 FFDAFF

 000051

 FFF8FF

 000539

 000222

 000008

 BD14F5

 BD14F5

 B800F5

 C32DF5

 C945F5

 CF5EF5

 D576F5

 DB8FF5

 E2A7F5

 E8C0F5

 EED8F5

 F4F1F5

Harmonies

Analogous

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



006EFF



BD14F5



FF009C

Triad

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



BD14F5



AB6600



0098B3

Complementary

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



BD14F5



4CF514

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.



00964F



BD14F5



528300

Square

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



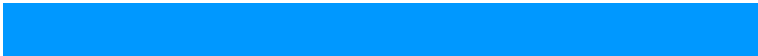
BD14F5



EB1100



009000



0098FF

Rectangle

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



BD14F5



FF005D



009000



009892

Sweetspot

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



BD14F5



EDB8FF



144CF5



755480



000000



808080

Same Dimension

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



BD14F5



C000FF



F514BD



776E7A



8C00BA



2C003B

Inverse Universe

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



F5144C



FF003F



14F54C



7A6E71



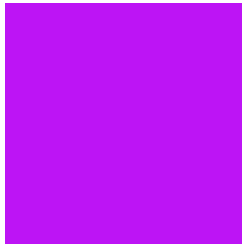
BA002E



3B000F

Previews

White Background



This preview shows how the Hex color BD14F5 looks on a white background.

Color Contrast Check

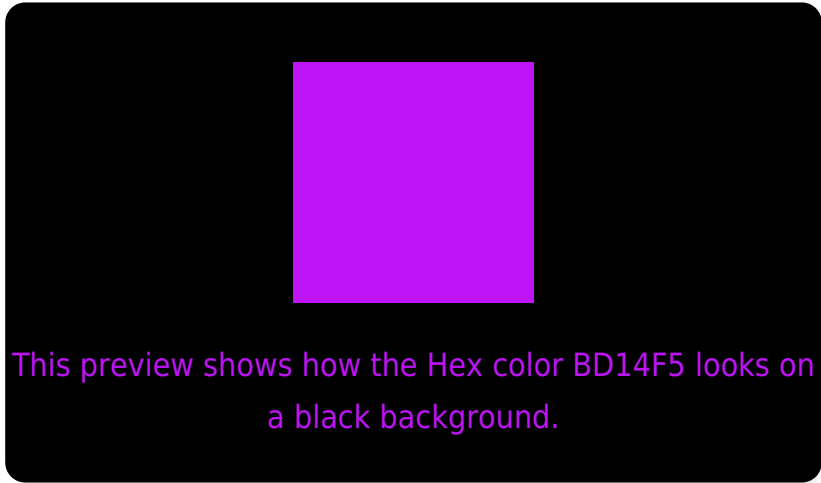
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD14F5 Background



This preview shows how black text looks on a background with the Hex color BD14F5.



This preview shows how white text looks on a background with the Hex color BD14F5.

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
A86168

Trichromacy



Original Color
BD14F5



Protanomaly
4550F2



Deuteranomaly
4554DF



Tritanomaly
B0459B

Monochromacy



Original Color
BD14F5



Achromatopsia
606060



Achromatomaly
824496

CSS Examples

Text

The CSS property to change the color of the text to Hex BD14F5 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 #BD14F5 looks like.

```
.text, #text, p{  
    color:#BD14F5  
}
```

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 #BD14F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD14F5
}
```

Border

The CSS property to change the border of an element to Hex BD14F5 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".

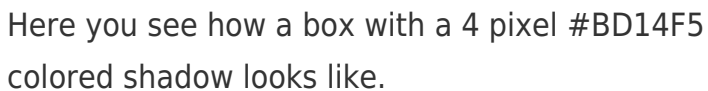
```
.border, #border, table{ border:4px solid
#BD14F5 }
```

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

```
.border{ border-color:#BD14F5 }
```

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

Here you see how a box with a 4 pixel #BD14F5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD14F5; -webkit-box-shadow:4px 4px  
4px 4px #BD14F5; box-shadow:4px 4px 4px  
4px #BD14F5 }
```

Background

The CSS property to change the background color of an element to Hex BD14F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD14F5 }
```

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

```
.background{ background-color:#BD14F5 }
```

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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