

Converting Colors

Hex(BD01E5)

Have a look what the booklet for
Hex(BD01E5) contains.

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Color

Hex(BD01E5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BD01E5 |
| RGB | 189, 1, 229 |
| RGB Percent | 74%, 0%, 90% |
| CMY | 0.2588, 0.9961, 0.1020 |
| CMYK | 0.17, 1.00, 0.00, 0.10 |
| HSL | 289°, 99%, 45% |
| HSV | 289°, 100%, 90% |
| XYZ | 35.1400, 16.4977, 75.4610 |
| YIQ | 83.2040, 38.8600, 110.7640 |

Conversions

Conversions Part 2

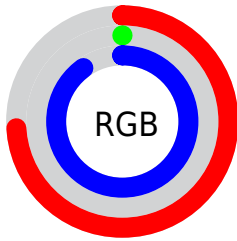
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 189, 1, 229 |
| Decimal | 12386789 |
| CIELab | 47.62, 84.63, -67.30 |
| CIElCh | 48, 108.129, 321.508 |
| Yxy | 16.4977, 0.2765, 0.1298 |
| Android (android.graphics.Color) | 4290576869 (0xFFBD01E5) |
| YUV | 83.2040, 71.8774, 92.7831 |
| Hunter-Lab | 40.6173, 83.3485, -81.7200 |

Details

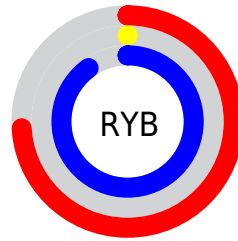
The Hex color **BD01E5** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **29E501**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FA5CFF**, and **8100AC** is the 20% darker color. If you saturate the color by 10%, you get **BD00E5**, and if you desaturate by 10%, it is **C118E5**.

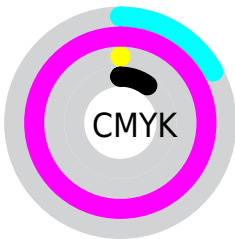
Distribution



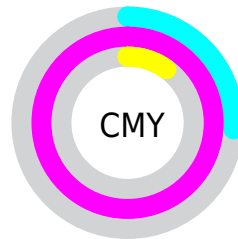
- Red (74%)
- Green (0%)
- Blue (90%)



- Red (74%)
- Yellow (0%)
- Blue (90%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD01E5 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 BD01E5 by changing the saturation by 10% instead.

 BD01E5

 BD01E5

FFFFFF

 9F00C8

 FA5CFF

 8100AC

 FF7BFF

 640091

 FF99FF

 460076

 FFB6FF

 29005D

 FFD4FF

 000044

 FFF3FF

 00032C

 000117

 000000

■ BD01E5

■ BD01E5

■ BD00E5

■ C118E5

■ C52FE5

■ C946E5

■ CD5DE5

■ D173E5

■ D58AE5

■ D9A1E5

■ DDB8E5

■ E1CFE5

Harmonies

Analogous

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



0066FF



BD01E5



FC008F

Triad

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



BD01E5



9F6500



0093B2

Complementary

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



BD01E5



29E501

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.



009053



BD01E5



488000

Square

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



BD01E5



DE2200



008B00



0092FF

Rectangle

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



BD01E5



FF0054



008B00



009293

Sweetspot

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



BD01E5



F2B3FF



012BE5



775280



000000



808080

Same Dimension

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



BD01E5



D200FF



E5019D



716773



9300B3



2A0033

Inverse Universe

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



E50129



FF002D



01E549



736769



B3001F



330009

Previews

White Background



This preview shows how the Hex color BD01E5 looks on a white background.

Color Contrast Check

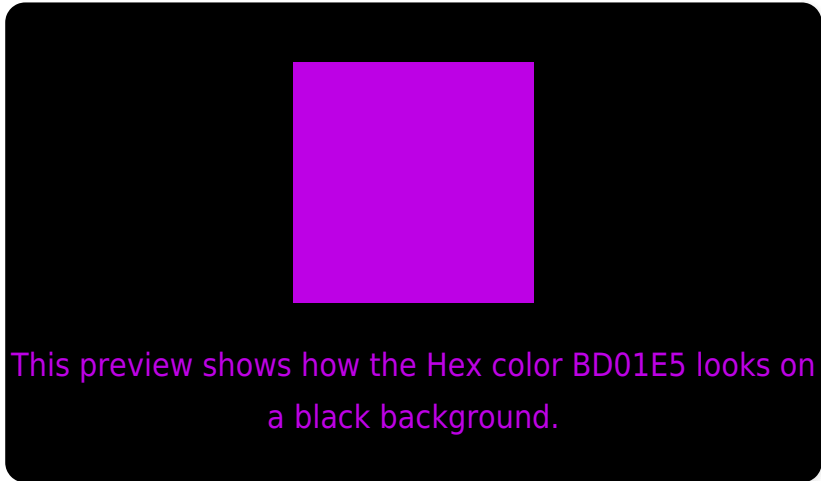
Large Text (above 18pt) WCAG AA ✓ Pass

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

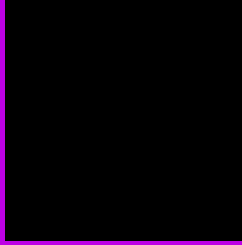
Any Text WCAG AA × Fail

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 BD01E5 Background



This preview shows how black text looks on a background with the Hex color BD01E5.

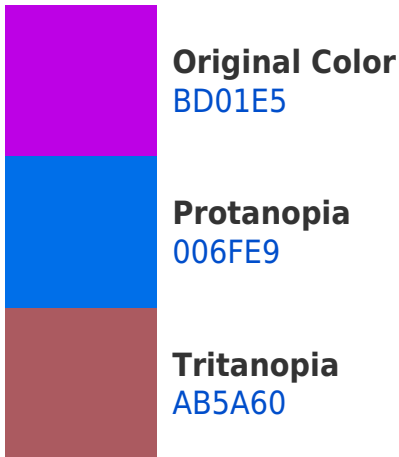


This preview shows how white text looks on a background with the Hex color BD01E5.

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
BD01E5



Protanomaly
4547E8

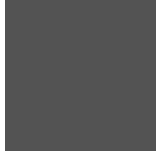


Tritanomaly
B23A90

Monochromacy



Original Color
BD01E5



Achromatopsia
535353



Achromatomaly
7A3588

CSS Examples

Text

The CSS property to change the color of the text to Hex BD01E5 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 #BD01E5 looks like.

```
.text, #text, p{  
    color:#BD01E5  
}
```

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 #BD01E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD01E5
}
```

Border

The CSS property to change the border of an element to Hex BD01E5 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
#BD01E5 }
```

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

```
.border{ border-color:#BD01E5 }
```

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

Here you see how a box with a 4 pixel #BD01E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD01E5; -webkit-box-shadow:4px 4px  
4px 4px #BD01E5; box-shadow:4px 4px 4px  
4px #BD01E5 }
```

Background

The CSS property to change the background color of an element to Hex BD01E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD01E5 }
```

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

```
.background{ background-color:#BD01E5 }
```

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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