

Converting Colors

Hex(B04FD8)

Have a look what the booklet for
Hex(B04FD8) contains.

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Color

Hex(**B04FD8**)

Conversions

Conversions Part 1

Format	Color
Hex	B04FD8
RGB	176, 79, 216
RGB Percent	69%, 31%, 85%
CMY	0.3098, 0.6902, 0.1529
CMYK	0.19, 0.63, 0.00, 0.15
HSL	282°, 64%, 58%
HSV	282°, 63%, 85%
XYZ	33.0951, 19.7799, 67.0393
YIQ	123.6210, 13.8350, 63.1710

Conversions

Conversions Part 2

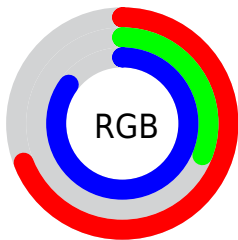
Format	Color
RYB	176, 79, 216
Decimal	11554776
CIELab	51.59, 60.43, -53.62
CIELCh	52, 80.789, 318.421
Yxy	19.7799, 0.2760, 0.1650
Android (android.graphics.Color)	4289744856 (0xFFB04FD8)
YUV	123.6210, 45.5428, 45.9364
Hunter-Lab	44.4746, 54.9975, -58.2392

Details

The Hex color **B04FD8** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **77D84F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EB86FF**, and **7711A0** is the 20% darker color. If you saturate the color by 10%, you get **AA39D8**, and if you desaturate by 10%, it is **B665D8**.

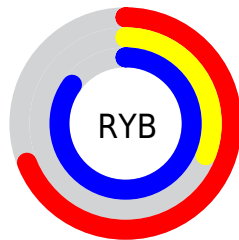
Distribution



Red (69%)

Green (31%)

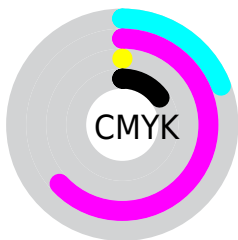
Blue (85%)



Red (69%)

Yellow (31%)

Blue (85%)

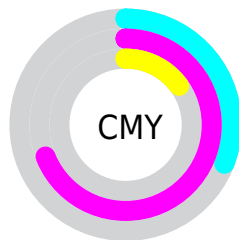


Cyan (19%)

Magenta (63%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (69%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04FD8 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 B04FD8 by changing the saturation by 10% instead.

 B04FD8

 B04FD8

FFFFFF

 9333BC

 EB86FF

 7711A0

 FFA1FF

 5C0086

 FFBEFF

 40006C

 FFDAFF

 260053

 FFF8FF

 00003A

 000224

 00000B

 000000

 B04FD8

 B04FD8

 AA39D8

 B665D8

 A324D8

 BD7AD8

 9D0ED8

 C390D8

 9900D8

 C9A5D8

 D0BBD8

 D6D1D8

 DCE6D8

 E2FCD8

 E9FFD8

Harmonies

Analogous

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



0075FF



B04FD8



E61999

Triad

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



B04FD8



AB6E00



0098A5

Complementary

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



B04FD8



77D84F

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.



00965D



B04FD8



6D8500

Square

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



B04FD8



D94B08



009102



0096E2

Rectangle

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



B04FD8



F1026B



009102



00988D

Sweetspot

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



B04FD8



F1CFFF



4F78D8



776280



000000



808080

Same Dimension

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



B04FD8



C63DFF



D84FBD



68606B



7900AB



1F002B

Inverse Universe

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



D84F77



FF3D76



4FD86A



6B6064



AB0032



2B000D

Previews

White Background



This preview shows how the Hex color B04FD8 looks on a white background.

Color Contrast Check

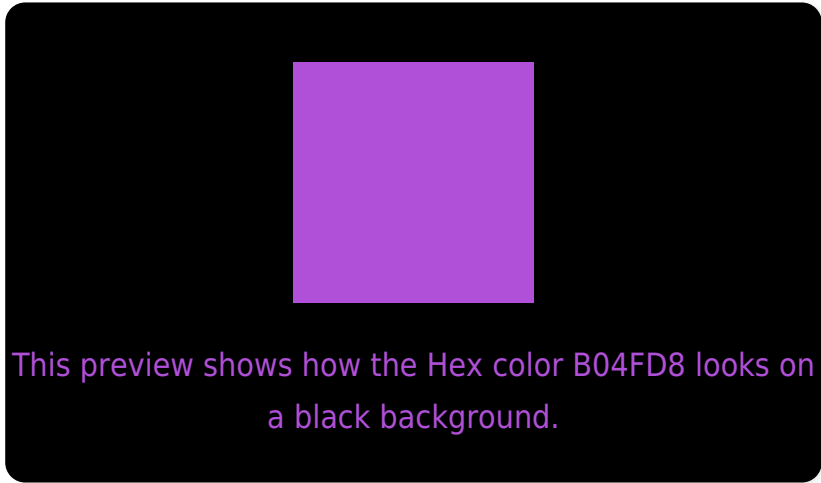
Large Text (above 18pt) WCAG AA ✓ Pass

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

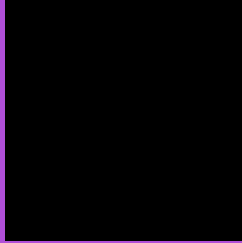
Any Text WCAG AA ✓ Pass

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 B04FD8 Background



This preview shows how black text looks on a background with the Hex color B04FD8.

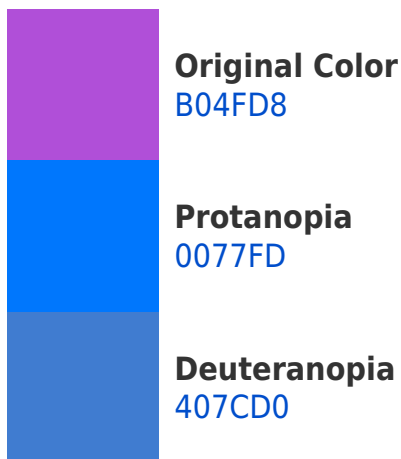


This preview shows how white text looks on a background with the Hex color B04FD8.

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](#).

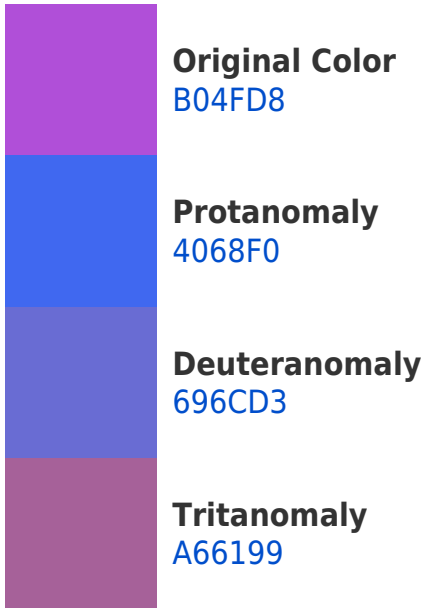
Dichromacy



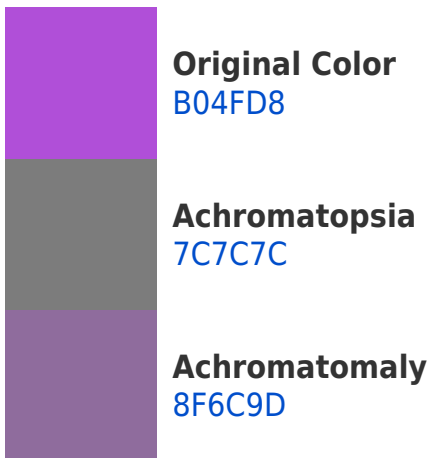


Tritanopia
A16C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B04FD8 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 #B04FD8 looks like.

```
.text, #text, p{  
    color:#B04FD8  
}
```

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 #B04FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04FD8
}
```

Border

The CSS property to change the border of an element to Hex B04FD8 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
#B04FD8 }
```

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

```
.border{ border-color:#B04FD8 }
```

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

Here you see how a box with a 4 pixel #B04FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04FD8; -webkit-box-shadow:4px 4px  
4px 4px #B04FD8; box-shadow:4px 4px 4px  
4px #B04FD8 }
```

Background

The CSS property to change the background color of an element to Hex B04FD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04FD8 }
```

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

```
.background{ background-color:#B04FD8 }
```

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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