

Converting Colors

Hex(B04BD6)

Have a look what the booklet for
Hex(B04BD6) contains.

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Color

Hex(**B04BD6**)

Conversions

Conversions Part 1

Format	Color
Hex	B04BD6
RGB	176, 75, 214
RGB Percent	69%, 29%, 84%
CMY	0.3098, 0.7059, 0.1608
CMYK	0.18, 0.65, 0.00, 0.16
HSL	284°, 63%, 57%
HSV	284°, 65%, 84%
XYZ	32.5582, 19.1173, 65.5923
YIQ	121.0450, 15.5770, 64.6410

Conversions

Conversions Part 2

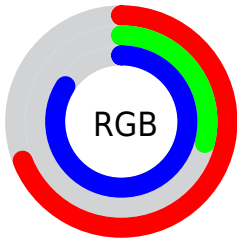
Format	Color
R _{YB}	176, 75, 214
Decimal	11553750
CIE Lab	50.82, 61.81, -53.70
CIE LCh	51, 81.879, 319.018
Yxy	19.1173, 0.2776, 0.1630
Android (android.graphics.Color)	4289743830 (0xFFB04BD6)
YUV	121.0450, 45.8268, 48.1955
Hunter-Lab	43.7233, 56.4025, -58.3386

Details

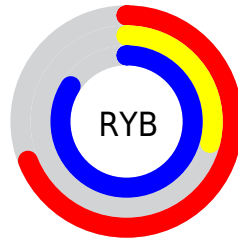
The Hex color **B04BD6** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **71D64B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EB82FF**, and **77079E** is the 20% darker color. If you saturate the color by 10%, you get **AA36D6**, and if you desaturate by 10%, it is **B660D6**.

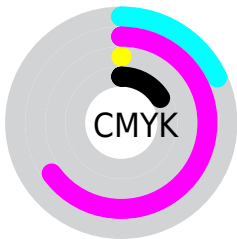
Distribution



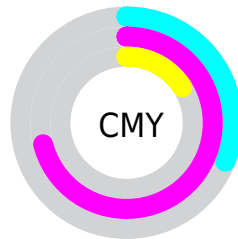
- Red (69%)
- Green (29%)
- Blue (84%)



- Red (69%)
- Yellow (29%)
- Blue (84%)



- Cyan (18%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (71%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04BD6 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 B04BD6 by changing the saturation by 10% instead.

 B04BD6

 B04BD6

FFFFFF

 932EBA

 EB82FF

 77079E

 FF9EFF

 5C0084

 FFBAFF

 40006A

 FFD7FF

 270051

 FFF4FF

 000039

 000222

 000008

 000000

 B04BD6

 B04BD6

 AA36D6

 B660D6

 A420D6

 BC76D6

 9E0BD6

 C28BD6

 9B00D6

 C7A1D6

 CDB6D6

 D3CBD6

 D9E1D6

 DFF6D6

 E5FFD6

Harmonies

Analogous

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



0072FF



B04BD6



E50996

Triad

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



B04BD6



A86D00



0096A5

Complementary

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



B04BD6



71D64B

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.



00945C



B04BD6



698300

Square

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



B04BD6



D74800



008F00



0094E3

Rectangle

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



B04BD6



F00067



008F00



00968D

Sweetspot

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



B04BD6



F2CFFF



4B72D6



776280



000000



808080

Same Dimension

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



B04BD6



C938FF



D64BB8



68606B



7C00AB



1F002B

Inverse Universe

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



D64B71



FF386E



4BD669



6B6063



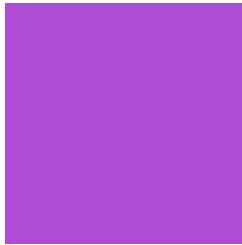
AB002F



2B000C

Previews

White Background



This preview shows how the Hex color B04BD6 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

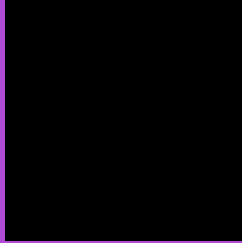
Any Text WCAG AA ✓ Pass

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 B04BD6 Background



This preview shows how black text looks on a background with the Hex color B04BD6.

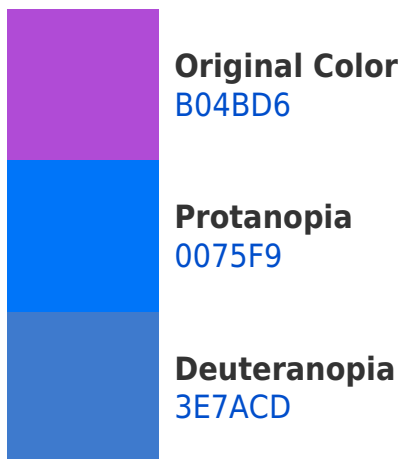



This preview shows how white text looks on a background with the Hex color B04BD6.

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
A16A72

Trichromacy



Original Color
B04BD6



Protanomaly
4066EC



Deuteranomaly
6769D0



Tritanomaly
A65F96

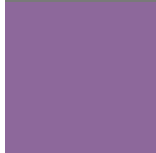
Monochromacy



Original Color
B04BD6



Achromatopsia
797979



Achromatomaly
8D689B

CSS Examples

Text

The CSS property to change the color of the text to Hex B04BD6 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 #B04BD6 looks like.

```
.text, #text, p{  
    color:#B04BD6  
}
```

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 #B04BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04BD6
}
```

Border

The CSS property to change the border of an element to Hex B04BD6 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
#B04BD6 }
```

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

```
.border{ border-color:#B04BD6 }
```

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

Here you see how a box with a 4 pixel #B04BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04BD6; -webkit-box-shadow:4px 4px  
4px 4px #B04BD6; box-shadow:4px 4px 4px  
4px #B04BD6 }
```

Background

The CSS property to change the background color of an element to Hex B04BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04BD6 }
```

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

```
.background{ background-color:#B04BD6 }
```

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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