

Converting Colors

Hex(B04DE6)

Have a look what the booklet for
Hex(B04DE6) contains.

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Color

Hex(**B04DE6**)

Conversions

Conversions Part 1

Format	Color
Hex	B04DE6
RGB	176, 77, 230
RGB Percent	69%, 30%, 90%
CMY	0.3098, 0.6980, 0.0980
CMYK	0.23, 0.67, 0.00, 0.10
HSL	279°, 75%, 60%
HSV	279°, 67%, 90%
XYZ	34.8413, 20.2510, 76.9354
YIQ	124.0430, 9.8910, 68.5710

Conversions

Conversions Part 2

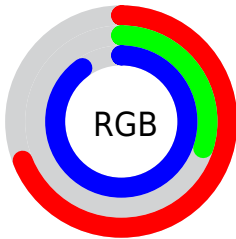
Format	Color
RYB	176, 77, 230
Decimal	11554278
CIELab	52.12, 64.22, -60.69
CIELCh	52, 88.359, 316.620
Yxy	20.2510, 0.2639, 0.1534
Android (android.graphics.Color)	4289744358 (0xFFB04DE6)
YUV	124.0430, 52.2368, 45.5663
Hunter-Lab	45.0011, 59.4483, -69.8633

Details

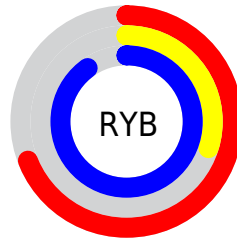
The Hex color **B04DE6** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **83E64D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EB84FF**, and **770AAD** is the 20% darker color. If you saturate the color by 10%, you get **A836E6**, and if you desaturate by 10%, it is **B864E6**.

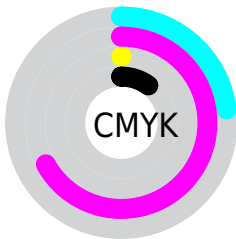
Distribution



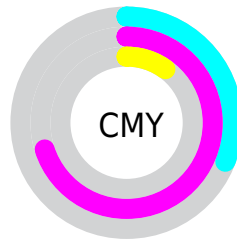
- Red (69%)
- Green (30%)
- Blue (90%)



- Red (69%)
- Yellow (30%)
- Blue (90%)



- Cyan (23%)
- Magenta (67%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04DE6 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 B04DE6 by changing the saturation by 10% instead.

 B04DE6

 B04DE6

FFFFFF

 9330C9

 EB84FF

 770AAD

 FFA0FF

 5A0092

 FFBCFF

 3D0078

 FFD9FF

 20005E

 FFF7FF

 000045

 00042E

 000118

 000000

 B04DE6

 B04DE6

 A836E6

 B864E6

 A01FE6

 C07BE6

 9808E6

 C892E6

 9500E6

 D0A9E6

 D9C0E6

 E1D7E6

 E9EEE6

 F1FFE6

 F9FFE6

Harmonies

Analogous

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



0078FF



B04DE6



EE00A2

Triad

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



B04DE6



B36D00



009BA6

Complementary

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



B04DE6



83E64D

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.



009956



B04DE6



708600

Square

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



B04DE6



E44100



009300



0099EA

Rectangle

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



B04DE6



FC006F



009300



009B8C

Sweetspot

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



B04DE6



EDCCFF



4D85E6



756180



000000



808080

Same Dimension

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



B04DE6



B733FF



E64DD2



6F6773



7400B3



210033

Inverse Universe

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



E64D83



FF337B



4DE661



73676B



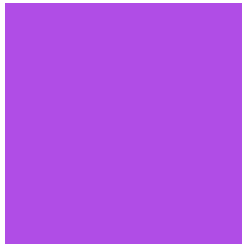
B3003F



330012

Previews

White Background



This preview shows how the Hex color B04DE6 looks on a white background.

Color Contrast Check

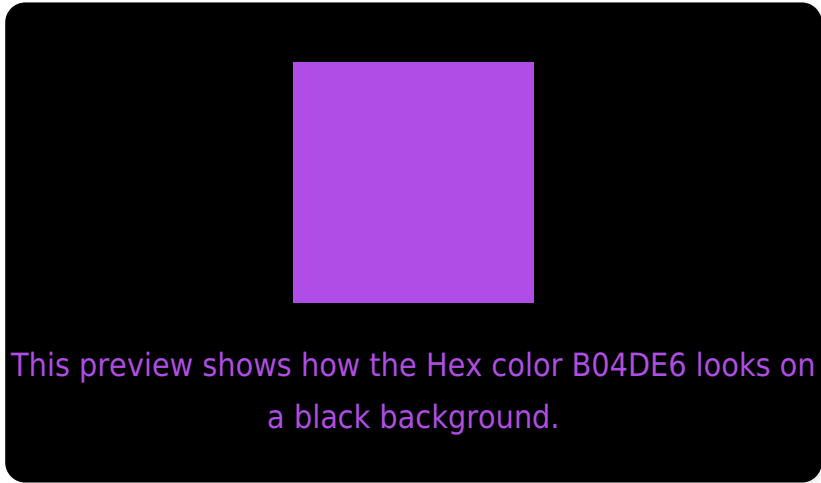
Large Text (above 18pt) WCAG AA ✓ Pass

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

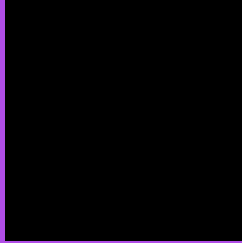
Any Text WCAG AA ✓ Pass

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 B04DE6 Background



This preview shows how black text looks on a background with the Hex color B04DE6.

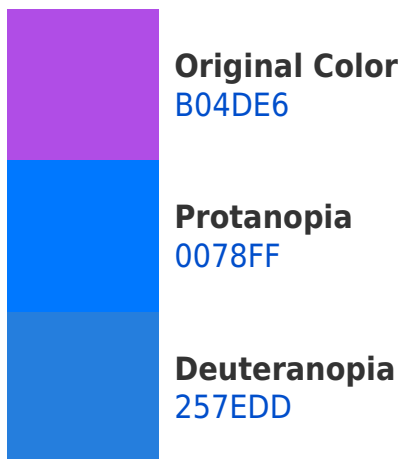


This preview shows how white text looks on a background with the Hex color B04DE6.

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
9E6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B04DE6 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 #B04DE6 looks like.

```
.text, #text, p{  
    color:#B04DE6  
}
```

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 #B04DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04DE6
}
```

Border

The CSS property to change the border of an element to Hex B04DE6 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
#B04DE6 }
```

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

```
.border{ border-color:#B04DE6 }
```

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

Here you see how a box with a 4 pixel #B04DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04DE6; -webkit-box-shadow:4px 4px  
4px 4px #B04DE6; box-shadow:4px 4px 4px  
4px #B04DE6 }
```

Background

The CSS property to change the background color of an element to Hex B04DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04DE6 }
```

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

```
.background{ background-color:#B04DE6 }
```

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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