

Converting Colors

Hex(B06CF4)

Have a look what the booklet for
Hex(B06CF4) contains.

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Color

Hex(B06CF4)

Conversions

Conversions Part 1

Format	Color
Hex	B06CF4
RGB	176, 108, 244
RGB Percent	69%, 42%, 96%
CMY	0.3098, 0.5765, 0.0431
CMYK	0.28, 0.56, 0.00, 0.04
HSL	270°, 86%, 69%
HSV	270°, 56%, 96%
XYZ	39.5962, 26.4869, 88.6135
YIQ	143.8360, -3.1280, 56.7120

Conversions

Conversions Part 2

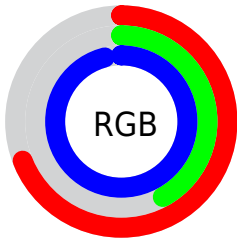
Format	Color
R _Y B	176, 108, 244
Decimal	11562228
CIE Lab	58.50, 52.32, -58.29
CIE LCh	58, 78.327, 311.915
Yxy	26.4869, 0.2560, 0.1712
Android (android.graphics.Color)	4289752308 (0xFFB06CF4)
YUV	143.8360, 49.3809, 28.2078
Hunter-Lab	51.4654, 47.2689, -66.0601

Details

The Hex color **B06CF4** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B0F46C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EBA2FF**, and **7738BB** is the 20% darker color. If you saturate the color by 10%, you get **A454F4**, and if you desaturate by 10%, it is **BC84F4**.

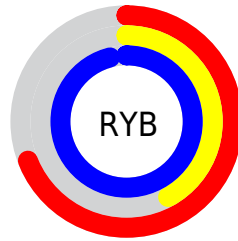
Distribution



Red (69%)

Green (42%)

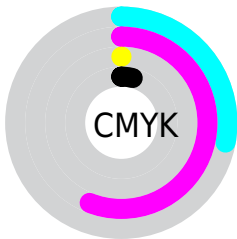
Blue (96%)



Red (69%)

Yellow (42%)

Blue (96%)

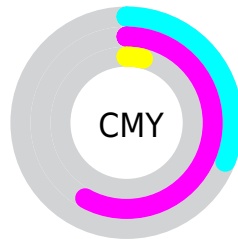


Cyan (28%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06CF4 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 B06CF4 by changing the saturation by 10% instead.

 B06CF4

 B06CF4

FFFFFF

 9352D7

 EBA2FF

 7738BB

 FFBDFE

 5B1D9F

 FFDAFF

 3E0085

 FFF7FF

 1F006B

 000052

 000339

 000223

 00000A

 B06CF4

 B06CF4

 A454F4

 BC84F4

 983BF4

 C89DF4

 8B23F4

 D5B5F4

 7F0AF4

 E1CEF4

 7A00F4

 EDE6F4

 F9FEF4

 FFFFF4

Harmonies

Analogous

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



008CFF



B06CF4



F146B9

Triad

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



B06CF4



CB7A00



00ABA7

Complementary

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



B06CF4



B0F46C

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.



00A85F



B06CF4



919200

Square

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



B06CF4



F45833



3EA10D



00A9E8

Rectangle

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



B06CF4



FF378B



3EA10D



00AA8F

Sweetspot

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



B06CF4



E9D4FF



6CB0F4



736680



000000



808080

Same Dimension

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



B06CF4



AA54FF



F46CF4



746E7A



5D00BA



1D003B

Inverse Universe

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



F46CB0



FF54AA



6CF46C



7A6E74



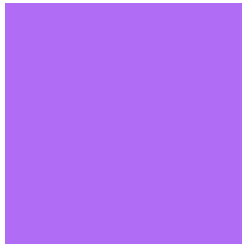
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color B06CF4 looks on a white background.

Color Contrast Check

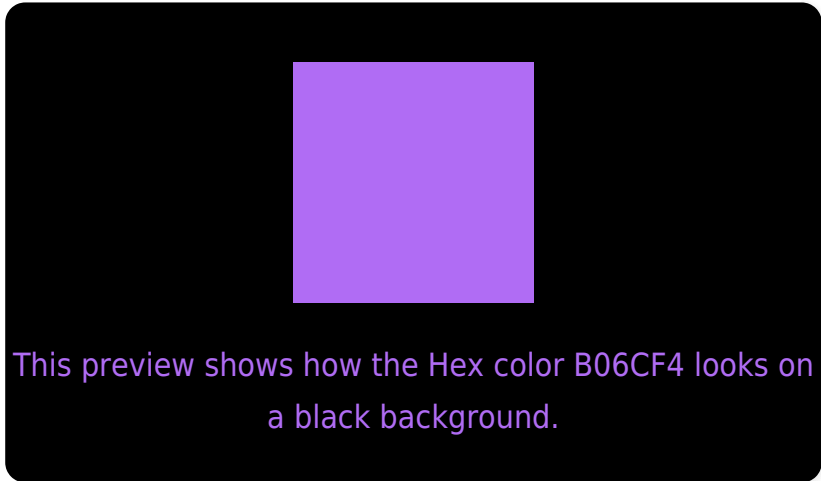
Large Text (above 18pt) WCAG AA ✓ Pass

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

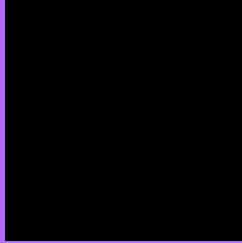
Any Text WCAG AA ✓ Pass

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 B06CF4 Background



This preview shows how black text looks on a background with the Hex color B06CF4.

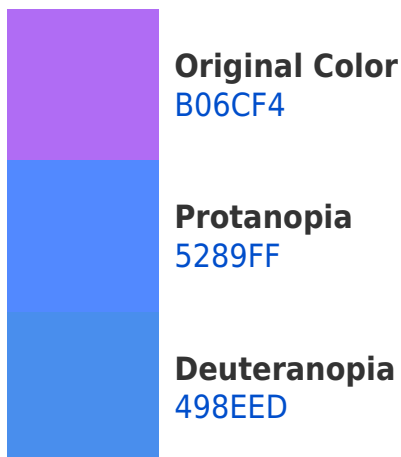


This preview shows how white text looks on a background with the Hex color B06CF4.

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](#).

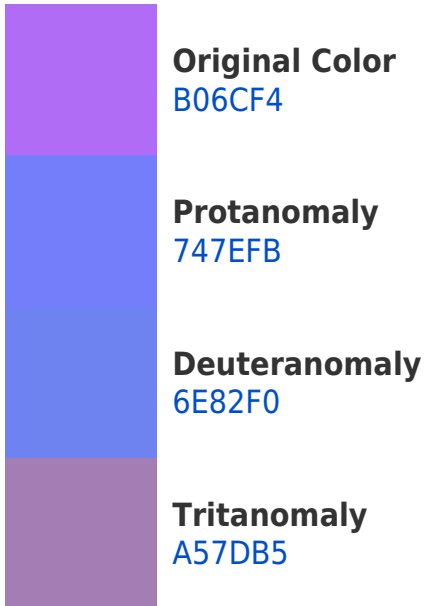
Dichromacy



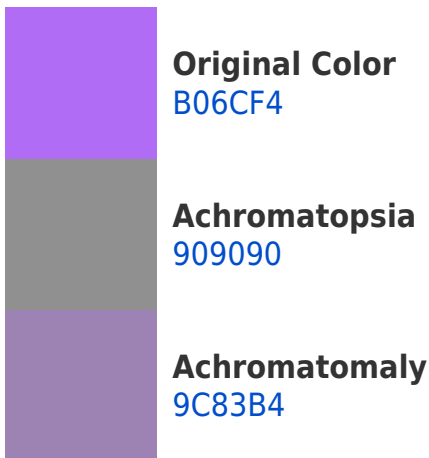


Tritanopia
9E8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06CF4 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 #B06CF4 looks like.

```
.text, #text, p{  
    color:#B06CF4  
}
```

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 #B06CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06CF4
}
```

Border

The CSS property to change the border of an element to Hex B06CF4 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
#B06CF4 }
```

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

```
.border{ border-color:#B06CF4 }
```

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

Here you see how a box with a 4 pixel #B06CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06CF4; -webkit-box-shadow:4px 4px  
4px 4px #B06CF4; box-shadow:4px 4px 4px  
4px #B06CF4 }
```

Background

The CSS property to change the background color of an element to Hex B06CF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06CF4 }
```

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

```
.background{ background-color:#B06CF4 }
```

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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