

# Converting Colors

Hex(B096E4)

Have a look what the booklet for  
Hex(B096E4) contains.

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# **Color**

**Hex(B096E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B096E4
RGB	176, 150, 228
RGB Percent	69%, 59%, 89%
CMY	0.3098, 0.4118, 0.1059
CMYK	0.23, 0.34, 0.00, 0.11
HSL	260°, 59%, 74%
HSV	260°, 34%, 89%
XYZ	42.8144, 36.6442, 78.2153
YIQ	166.6660, -9.5420, 29.7700

# Conversions

## Conversions Part 2

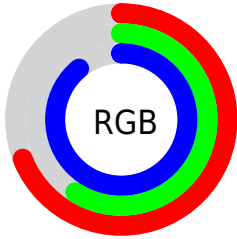
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 150, 228
Decimal	11572964
CIELab	67.01, 25.49, -36.00
CIElCh	67, 44.107, 305.296
Yxy	36.6442, 0.2715, 0.2324
Android (android.graphics.Color)	4289763044 (0xFFB096E4)
YUV	166.6660, 30.2377, 8.1859
Hunter-Lab	60.5345, 20.3130, -34.2332

# Details

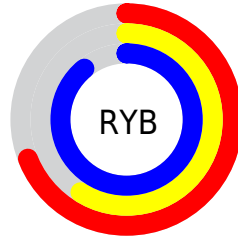
The Hex color **B096E4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CAE496**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E9CCFF**, and **7A63AC** is the 20% darker color. If you saturate the color by 10%, you get **A17FE4**, and if you desaturate by 10%, it is **BFADE4**.

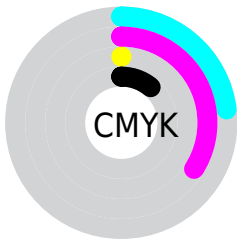
# Distribution



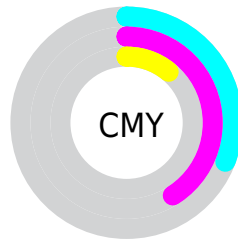
- Red (69%)
- Green (59%)
- Blue (89%)



- Red (69%)
- Yellow (59%)
- Blue (89%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)




- Cyan (31%)
- Magenta (41%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B096E4 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 B096E4 by changing the saturation by 10% instead.



 B096E4

 B096E4

FFFFFF

 957CC8

 E9CCFF

 7A63AC

 FFE9FF

 604B91

 463477


 2D1E5E

 130946

 00002F

 00011A

 000000

 B096E4

 B096E4

 A17FE4

 BFADE4

 9268E4

 CEC4E4

 8252E4

 DEDAE4

 733BE4

 EDF1E4

 6424E4

 FCFFE4

 550DE4

 FFFFE4

 4C00E4

# Harmonies

## Analogous

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



6FA5F2



B096E4



DA88C5

# Triad

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



B096E4



D6955B



00B8A9

# Complementary

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



B096E4



CAE496

# 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.



57B581



B096E4



B5A352

# Square

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



B096E4



EB8877



8BAE60



00B6D0

# Rectangle

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



B096E4



EA83AB



8BAE60



20B79B



# Sweetspot

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



B096E4



EEE6FF



96CAE4



757080



000000



808080



# Same Dimension

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



B096E4



B996FF



D796E4



6B6773



3B00B3



110033



# Inverse Universe

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



E496CA



FF96DC



A3E496



73676F



B30077

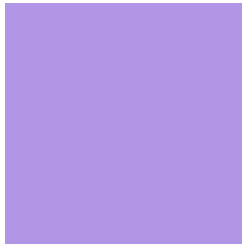


330022



# Previews

## White Background



This preview shows how the Hex color B096E4 looks on a white background.

## Color Contrast Check

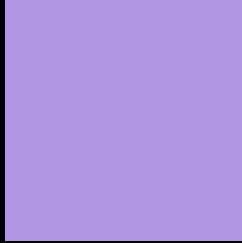
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B096E4 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B096E4 Background



This preview shows how black text looks on a background with the Hex color B096E4.



This preview shows how white text looks on a background with the Hex color B096E4.

# 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](#).

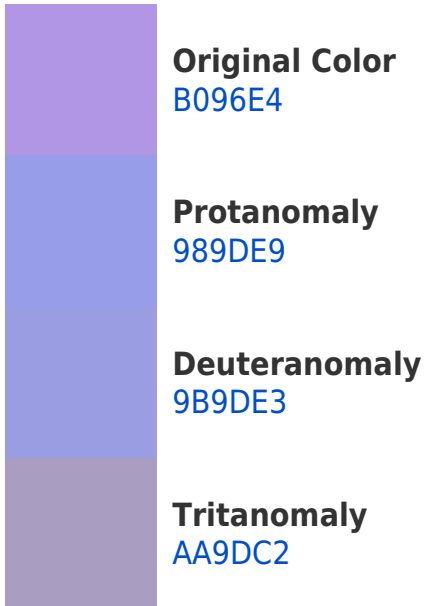
## Dichromacy



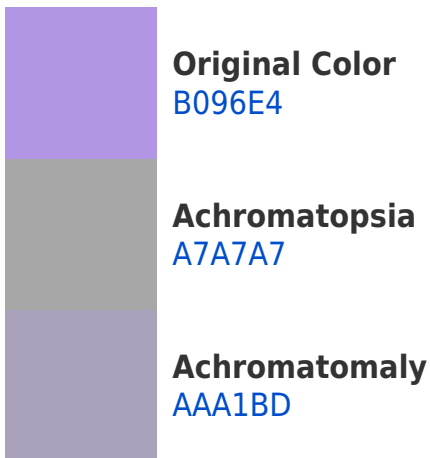


**Tritanopia**  
A6A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B096E4 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 #B096E4 looks like.

```
.text, #text, p{  
    color:#B096E4  
}
```

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 #B096E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B096E4
}
```

## Border

The CSS property to change the border of an element to Hex B096E4 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
#B096E4 }
```

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

```
.border{ border-color:#B096E4 }
```

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

Here you see how a box with a 4 pixel #B096E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B096E4; -webkit-box-shadow:4px 4px  
4px 4px #B096E4; box-shadow:4px 4px 4px  
4px #B096E4 }
```

# Background

The CSS property to change the background color of an element to Hex B096E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B096E4 }
```

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

```
.background{ background-color:#B096E4 }
```

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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