

# Converting Colors

Hex(B792E4)

Have a look what the booklet for  
Hex(B792E4) contains.

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# **Color**

**Hex(B792E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B792E4
RGB	183, 146, 228
RGB Percent	72%, 57%, 89%
CMY	0.2824, 0.4275, 0.1059
CMYK	0.20, 0.36, 0.00, 0.11
HSL	267°, 60%, 73%
HSV	267°, 36%, 89%
XYZ	43.8109, 36.2265, 78.0821
YIQ	166.4110, -4.2700, 33.3460

# Conversions

## Conversions Part 2

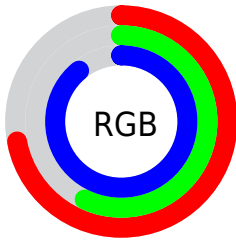
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 146, 228</a>
Decimal	<a href="#">12030692</a>
CIELab	<a href="#">66.69, 29.80, -36.44</a>
CIELCh	<a href="#">67, 47.077, 309.274</a>
Yxy	<a href="#">36.2265, 0.2771, 0.2291</a>
Android (android.graphics.Color)	<a href="#">4290220772 (0xFFB792E4)</a>
YUV	<a href="#">166.4110, 30.3634, 14.5486</a>
Hunter-Lab	<a href="#">60.1884, 24.5996, -34.7847</a>

# Details

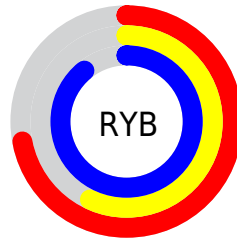
The Hex color **B792E4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BFE492**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F0C8FF**, and **815FAC** is the 20% darker color. If you saturate the color by 10%, you get **AA7BE4**, and if you desaturate by 10%, it is **C4A9E4**.

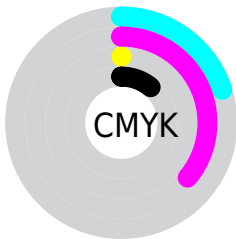
# Distribution



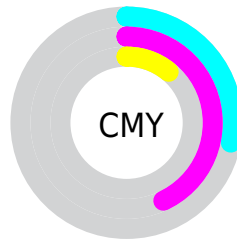
- Red (72%)
- Green (57%)
- Blue (89%)



- Red (72%)
- Yellow (57%)
- Blue (89%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (43%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B792E4 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 B792E4 by changing the saturation by 10% instead.




 B792E4

 B792E4

FFFFFF

 9B78C8

 F0C8FF

 815FAC

 FFE5FF

 664791

 4D3077

 34195E

 1A0346

 00002F

 000119

 000000

 B792E4

 B792E4

 AA7BE4

 C4A9E4

 9E64E4

 D0C0E4

 914EE4

 DDD6E4

 8537E4

 E9EDE4

 7820E4

 F6FFE4

 6C09E4

 FFFFE4

 6700E4

# Harmonies

## Analogous

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



74A2F6



B792E4



E184C1

# Triad

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



B792E4



D49553



00B8AE

# Complementary

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



B792E4



BFE492

# 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.



45B683



B792E4



AFA44C

# Square

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



B792E4



EC876F



81AF5E



00B6D7

# Rectangle

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



B792E4



EF7FA5



81AF5E



00B8A0



# Sweetspot

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



B792E4



F0E3FF



92BFE4



766F80



000000



808080



# Same Dimension

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



B792E4



C391FF



E092E4



6C6773



5100B3



170033



# Inverse Universe

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



E492BF



FF91CE



96E492



73676E



B30062

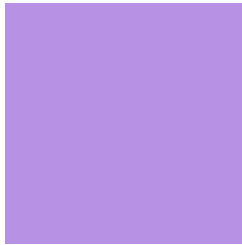


33001C



# Previews

## White Background



This preview shows how the Hex color B792E4 looks on a white background.

## Color Contrast Check

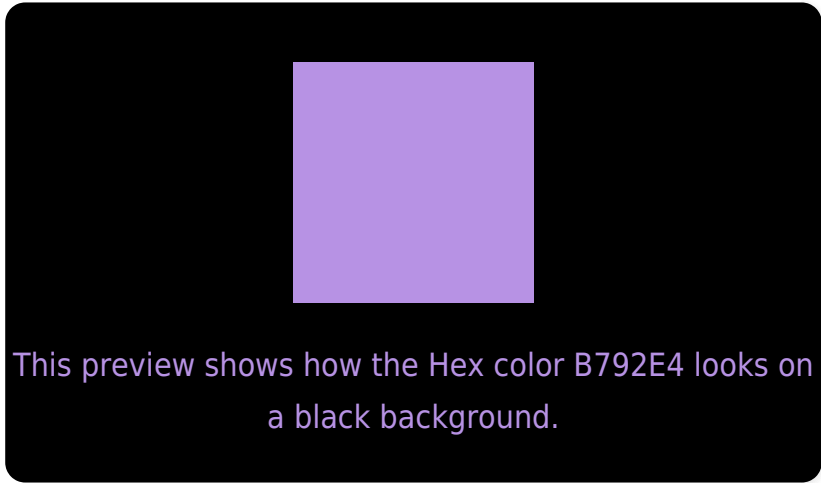
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

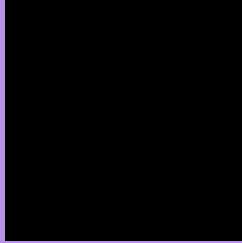
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B792E4 Background



This preview shows how black text looks on a background with the Hex color B792E4.




This preview shows how white text looks on a background with the Hex color B792E4.

# 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](#).

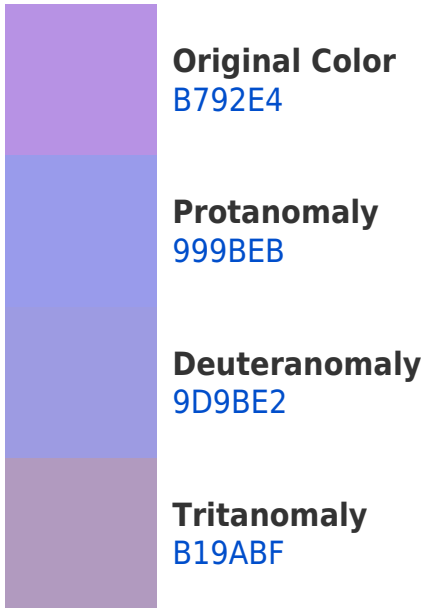
## Dichromacy



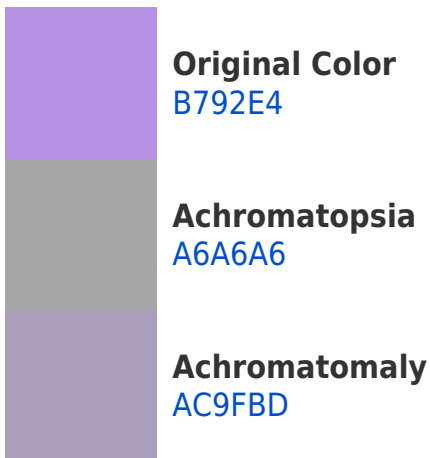


**Tritanopia**  
AD9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B792E4 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 #B792E4 looks like.

```
.text, #text, p{  
    color:#B792E4  
}
```

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 #B792E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B792E4
}
```

## Border

The CSS property to change the border of an element to Hex B792E4 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
#B792E4 }
```

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

```
.border{ border-color:#B792E4 }
```

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

Here you see how a box with a 4 pixel #B792E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B792E4; -webkit-box-shadow:4px 4px  
4px 4px #B792E4; box-shadow:4px 4px 4px  
4px #B792E4 }
```

# Background

The CSS property to change the background color of an element to Hex B792E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B792E4 }
```

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

```
.background{ background-color:#B792E4 }
```

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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