

Converting Colors

Hex(B734DF)

Have a look what the booklet for
Hex(B734DF) contains.

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Color

Hex(**B734DF**)

Conversions

Conversions Part 1

Format	Color
Hex	B734DF
RGB	183, 52, 223
RGB Percent	72%, 20%, 87%
CMY	0.2824, 0.7961, 0.1255
CMYK	0.18, 0.77, 0.00, 0.13
HSL	286°, 73%, 54%
HSV	286°, 77%, 87%
XYZ	34.0757, 17.8510, 71.4616
YIQ	110.6630, 23.1850, 80.9530

Conversions

Conversions Part 2

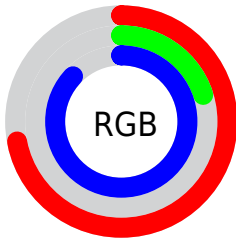
Format	Color
RYB	183, 52, 223
Decimal	12006623
CIELab	49.31, 73.67, -61.20
CIElCh	49, 95.771, 320.285
Yxy	17.8510, 0.2762, 0.1447
Android (android.graphics.Color)	4290196703 (0xFFB734DF)
YUV	110.6630, 55.3821, 63.4395
Hunter-Lab	42.2504, 70.0252, -70.7068

Details

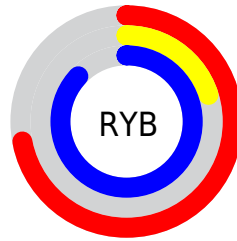
The Hex color **B734DF** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **5CDF34**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F371FF**, and **7D00A7** is the 20% darker color. If you saturate the color by 10%, you get **B21EDF**, and if you desaturate by 10%, it is **BC4ADF**.

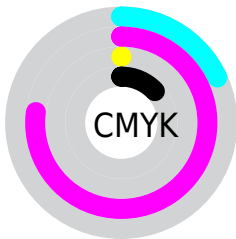
Distribution



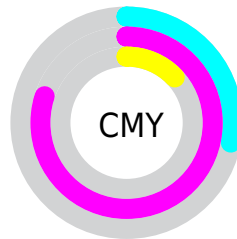
- Red (72%)
- Green (20%)
- Blue (87%)



- Red (72%)
- Yellow (20%)
- Blue (87%)



- Cyan (18%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B734DF 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 B734DF by changing the saturation by 10% instead.

 B734DF

 B734DF

FFFFFF

 9A04C3

 F371FF

 7D00A7

 FF8DFF

 60008C

 FFAAFF

 430071

 FFC7FF

 280058

 FFE5FF

 00003F

 000328

 000112

 000000

 B734DF

 B734DF

 B21EDF

 BC4ADF

 AD07DF

 C161DF

 AB00DF

 C777DF

 CC8DDF

 D1A3DF

 D6BADF

 DCD0DF

 E1E6DF

 E6FDDF

Harmonies

Analogous

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



006DFF



B734DF



F20093

Triad

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



B734DF



A56900



0095AC

Complementary

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



B734DF



5CDF34

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.



009357



B734DF



5A8200

Square

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



B734DF



DC3700



008E00



0093F3

Rectangle

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



B734DF



FC005E



008E00



009590

Sweetspot

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



B734DF



F1C4FF



345FDF



775C80



000000



808080

Same Dimension

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



B734DF



C814FF



DF34B4



6E6570



8700B0



250030

Inverse Universe

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



DF345C



FF144B



34DF5F



706568



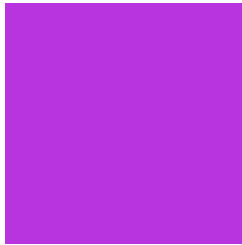
B00029



30000B

Previews

White Background



This preview shows how the Hex color B734DF looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

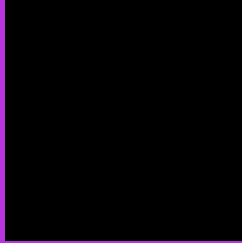
Any Text WCAG AA ✓ Pass

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 B734DF Background



This preview shows how black text looks on a background with the Hex color B734DF.

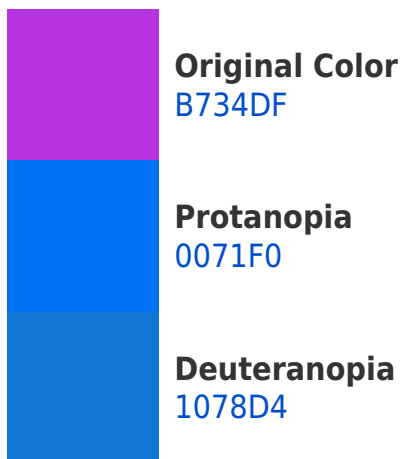


This preview shows how white text looks on a background with the Hex color B734DF.

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](#).

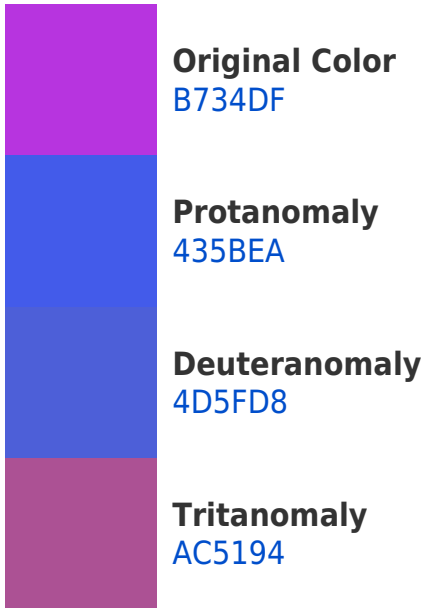
Dichromacy



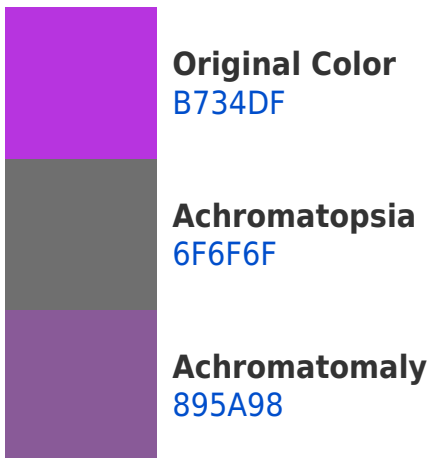


Tritanopia
A66169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B734DF 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 #B734DF looks like.

```
.text, #text, p{  
    color:#B734DF  
}
```

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 #B734DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B734DF
}
```

Border

The CSS property to change the border of an element to Hex B734DF 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
#B734DF }
```

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

```
.border{ border-color:#B734DF }
```

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

Here you see how a box with a 4 pixel #B734DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B734DF; -webkit-box-shadow:4px 4px  
4px 4px #B734DF; box-shadow:4px 4px 4px  
4px #B734DF }
```

Background

The CSS property to change the background color of an element to Hex B734DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B734DF }
```

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

```
.background{ background-color:#B734DF }
```

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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