

Converting Colors

Hex(BB73DE)

Have a look what the booklet for
Hex(BB73DE) contains.

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Color

Hex(**BB73DE**)

Conversions

Conversions Part 1

Format	Color
Hex	BB73DE
RGB	187, 115, 222
RGB Percent	73%, 45%, 87%
CMY	0.2667, 0.5490, 0.1294
CMYK	0.16, 0.48, 0.00, 0.13
HSL	280°, 62%, 66%
HSV	280°, 48%, 87%
XYZ	39.8091, 28.1002, 72.4330
YIQ	148.7260, 8.5650, 48.5410

Conversions

Conversions Part 2

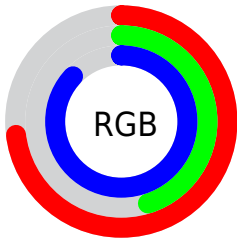
Format	Color
RYB	187, 115, 222
Decimal	12284894
CIELab	59.98, 46.60, -43.59
CIElCh	60, 63.812, 316.910
Yxy	28.1002, 0.2837, 0.2002
Android (android.graphics.Color)	4290474974 (0xFFBB73DE)
YUV	148.7260, 36.1241, 33.5663
Hunter-Lab	53.0096, 41.2828, -43.9078

Details

The Hex color **BB73DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96DE73**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F5A9FF**, and **8340A6** is the 20% darker color. If you saturate the color by 10%, you get **B45DDE**, and if you desaturate by 10%, it is **C289DE**.

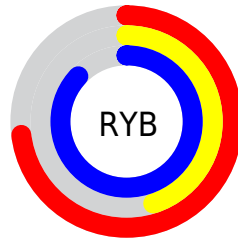
Distribution



Red (73%)

Green (45%)

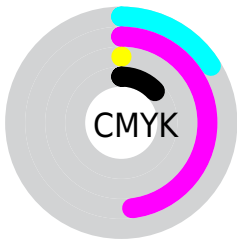
Blue (87%)



Red (73%)

Yellow (45%)

Blue (87%)

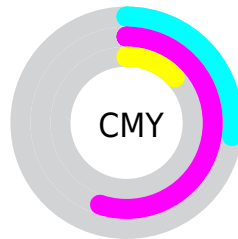


Cyan (16%)

Magenta (48%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (55%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB73DE 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 BB73DE by changing the saturation by 10% instead.

 BB73DE

 BB73DE

FFFFFF

 9F59C2

 F5A9FF

 8340A6

 FFC5FF

 68268C

 FFE1FF

 4E0772

FFFEFF

 340058

 1F0041

 000029

 000113

 000000

 BB73DE

 BB73DE

 B45DDE

 C289DE

 AC47DE

 CA9FDE

 A530DE

 D1B6DE

 9E1ADE

 D8CCDE

 9704DE

 DFE2DE

 9500DE

 E7F8DE

 EEFFDE

 F5FFDE

 FCFFDE

Harmonies

Analogous

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



5D8CFD



BB73DE



E95DAC

Triad

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



BB73DE



C18513



00ABB0

Complementary

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



BB73DE



96DE73

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.



00A975



BB73DE



8E980E

Square

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



BB73DE



E56D40



4AA33E



00A8E2

Rectangle

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



BB73DE



F55886



4AA33E



00AB9C

Sweetspot

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



BB73DE



F3DBFF



7397DE



786A80



000000



808080

Same Dimension

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



BB73DE



CF6BFF



DE73CC



6D6570



7600B0



210030

Inverse Universe

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



DE7396



FF6B9B



73DE85



706569



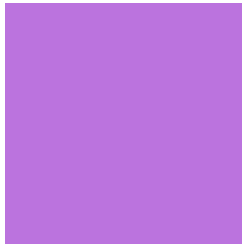
B0003A



300010

Previews

White Background



This preview shows how the Hex color BB73DE looks on a white background.

Color Contrast Check

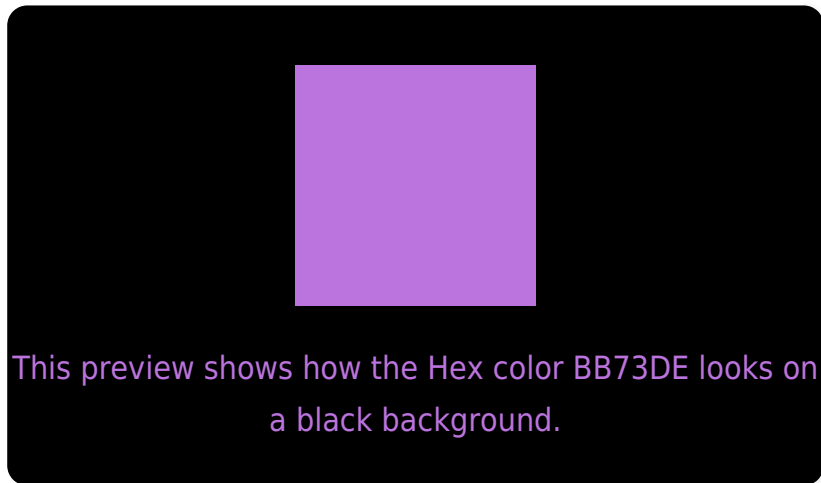
Large Text (above 18pt) WCAG AA ✓ Pass

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

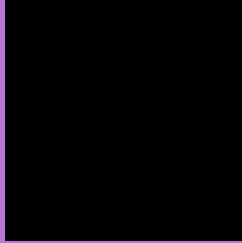
Any Text WCAG AA ✓ Pass

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 BB73DE Background



This preview shows how black text looks on a background with the Hex color BB73DE.

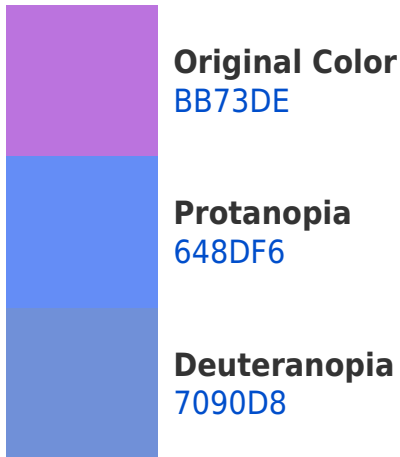


This preview shows how white text looks on a background with the Hex color BB73DE.

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](#).

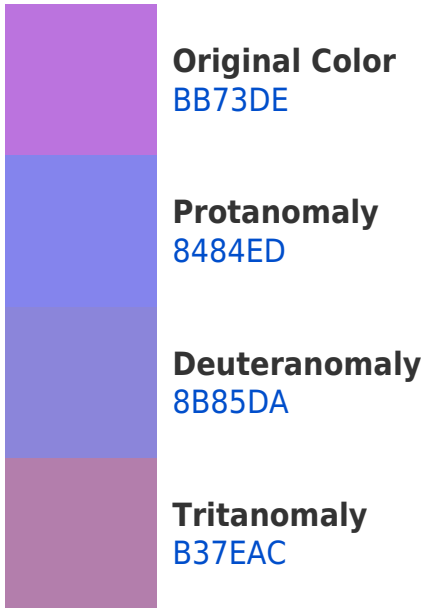
Dichromacy



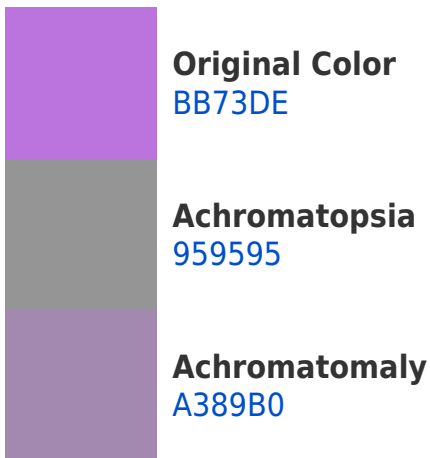


Tritanopia
AF8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB73DE 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 #BB73DE looks like.

```
.text, #text, p{  
    color:#BB73DE  
}
```

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 #BB73DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB73DE
}
```

Border

The CSS property to change the border of an element to Hex BB73DE 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
#BB73DE }
```

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

```
.border{ border-color:#BB73DE }
```

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

Here you see how a box with a 4 pixel #BB73DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB73DE; -webkit-box-shadow:4px 4px  
4px 4px #BB73DE; box-shadow:4px 4px 4px  
4px #BB73DE }
```

Background

The CSS property to change the background color of an element to Hex BB73DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB73DE }
```

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

```
.background{ background-color:#BB73DE }
```

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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