

Converting Colors

Hex(B763D8)

Have a look what the booklet for
Hex(B763D8) contains.

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Color

Hex(**B763D8**)

Conversions

Conversions Part 1

Format	Color
Hex	B763D8
RGB	183, 99, 216
RGB Percent	72%, 39%, 85%
CMY	0.2824, 0.6118, 0.1529
CMYK	0.15, 0.54, 0.00, 0.15
HSL	283°, 60%, 62%
HSV	283°, 54%, 85%
XYZ	36.3849, 23.9488, 67.6706
YIQ	137.4540, 12.5070, 54.1950

Conversions

Conversions Part 2

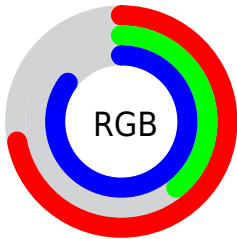
Format	Color
R_{YB}	183, 99, 216
Decimal	12018648
CIE _{Lab}	56.04, 52.55, -46.48
CIE _{LCh}	56, 70.151, 318.507
Yxy	23.9488, 0.2842, 0.1871
Android (android.graphics.Color)	4290208728 (0xFFB763D8)
YUV	137.4540, 38.7232, 39.9438
Hunter-Lab	48.9375, 47.0736, -47.7297

Details

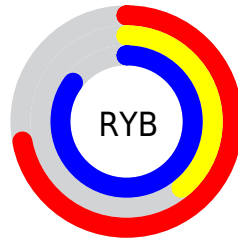
The Hex color **B763D8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84D863**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **F199FF**, and **7F2EA1** is the 20% darker color. If you saturate the color by 10%, you get **B14DD8**, and if you desaturate by 10%, it is **BD79D8**.

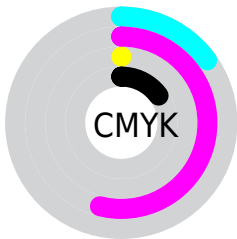
Distribution



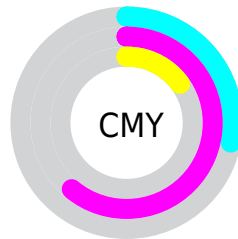
- Red (72%)
- Green (39%)
- Blue (85%)



- Red (72%)
- Yellow (39%)
- Blue (85%)



- Cyan (15%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B763D8 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 B763D8 by changing the saturation by 10% instead.

 B763D8

 B763D8

FFFFFF

 9B49BC

 F199FF

 7F2EA1

 FFB5FF

 640F86

 FFD1FF

 49006C

 FFEEFF

 2F0053

 15003B

 000224

 00000C

 000000

 B763D8

 B763D8

 B14DD8

 BD79D8

 AB38D8

 C38ED8

 A522D8

 C9A4D8

 9F0DD8

 CFB9D8

 9B00D8

 D5CFD8

 DCE5D8

 E2FAD8

 E8FFD8

 EEFFD8

Harmonies

Analogous

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



4A80FB



B763D8



E747A0

Triad

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



B763D8



B57B00



00A2AB

Complementary

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



B763D8



84D863

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.



00A06C



B763D8



7E8F00

Square

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



B763D8



DE602A



2A9A2D



009FE1

Rectangle

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



B763D8



F14278



2A9A2D



00A297

Sweetspot

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



B763D8



F3D6FF



6384D8



796780



000000



808080

Same Dimension

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



B763D8



D059FF



D863BF



68606B



7B00AB



1F002B

Inverse Universe

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



D86384



FF5988



63D87C



6B6063



AB0030



2B000C

Previews

White Background



This preview shows how the Hex color B763D8 looks on a white background.

Color Contrast Check

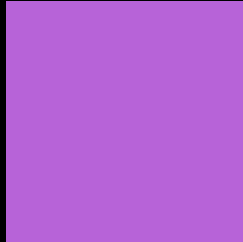
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B763D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

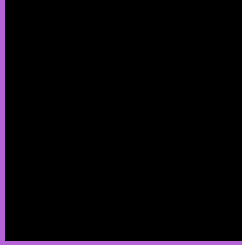
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B763D8 Background



This preview shows how black text looks on a background with the Hex color B763D8.

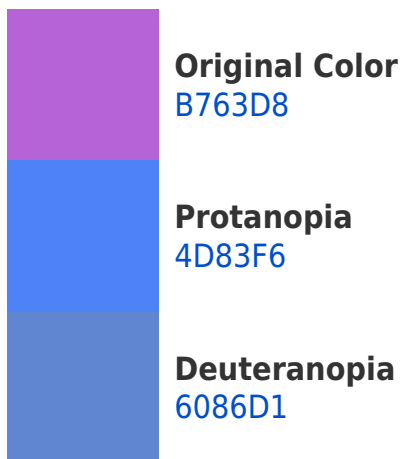


This preview shows how white text looks on a background with the Hex color B763D8.

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
AA7982

Trichromacy



Original Color
B763D8



Protanomaly
7477EB



Deuteranomaly
8079D4



Tritanomaly
AF71A1

Monochromacy



Original Color
B763D8



Achromatopsia
898989



Achromatomaly
9A7BA6

CSS Examples

Text

The CSS property to change the color of the text to Hex B763D8 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 #B763D8 looks like.

```
.text, #text, p{  
    color:#B763D8  
}
```

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 #B763D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B763D8
}
```

Border

The CSS property to change the border of an element to Hex B763D8 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
#B763D8 }
```

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

```
.border{ border-color:#B763D8 }
```

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

Here you see how a box with a 4 pixel #B763D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B763D8; -webkit-box-shadow:4px 4px  
4px 4px #B763D8; box-shadow:4px 4px 4px  
4px #B763D8 }
```

Background

The CSS property to change the background color of an element to Hex B763D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B763D8 }
```

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

```
.background{ background-color:#B763D8 }
```

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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