

Converting Colors

Hex(B646BE)

Have a look what the booklet for
Hex(B646BE) contains.

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Color

Hex(B646BE)

Conversions

Conversions Part 1

Format	Color
Hex	B646BE
RGB	182, 70, 190
RGB Percent	71%, 27%, 75%
CMY	0.2863, 0.7255, 0.2549
CMYK	0.04, 0.63, 0.00, 0.25
HSL	296°, 48%, 51%
HSV	296°, 63%, 75%
XYZ	30.7758, 18.0431, 50.5758
YIQ	117.1680, 28.2320, 61.0640

Conversions

Conversions Part 2

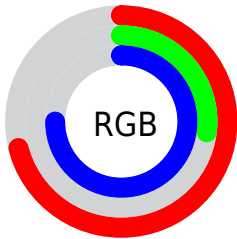
Format	Color
R_{YB}	182, 70, 190
Decimal	11945662
CIE _{Lab}	49.55, 60.81, -41.88
CIE _{LCh}	50, 73.831, 325.446
Yxy	18.0431, 0.3096, 0.1815
Android (android.graphics.Color)	4290135742 (0xFFB646BE)
YUV	117.1680, 35.9062, 56.8577
Hunter-Lab	42.4772, 54.9929, -40.8601

Details

The Hex color **B646BE** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4EBE46**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F17DF7**, and **7E0088** is the 20% darker color. If you saturate the color by 10%, you get **B533BE**, and if you desaturate by 10%, it is **B759BE**.

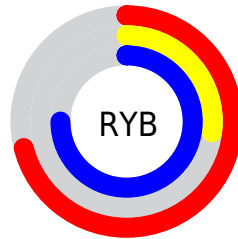
Distribution



Red (71%)

Green (27%)

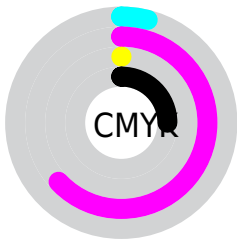
Blue (75%)



Red (71%)

Yellow (27%)

Blue (75%)

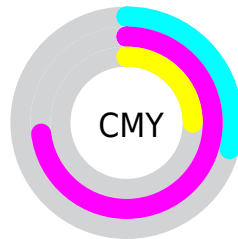


Cyan (4%)

Magenta (63%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (73%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B646BE 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 B646BE by changing the saturation by 10% instead.

 B646BE

 B646BE

FFFFFF

 9A28A3

 F17DF7

 7E0088

 FF99FF

 62006E

 FFB6FF

 470055

 FFD2FF

 30003E

 FFF0FF

 0B0026

 00010F

 000000

 B646BE

 B646BE

 B533BE

 B759BE

 B320BE

 B96CBE

 B20DBE

 BA7FBE

 B100BE

 BB92BE

 BCA5BE

 BEB8BE

 BFCBBE

 C0DEBE

 C1F1BE

Harmonies

Analogous

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



5669E9



B646BE



DD2182

Triad

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



B646BE



977000



0091AA

Complementary

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



B646BE



4EBE46

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.



00906A



B646BE



5B8200

Square

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



B646BE



C45400



008B26



008DDD

Rectangle

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



B646BE



E22359



008B26



009196

Sweetspot

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



B646BE



F4C8F7



464EBE



7B607D



FCFCFC



7D7D7D

Same Dimension

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



B646BE



EB3BF7



BE468A



5E555E



94009E



1D001F

Inverse Universe

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



BE464E



F73B48



46BE7A



5E5556



9E000B



1F0002

Previews

White Background



This preview shows how the Hex color B646BE looks on a white background.

Color Contrast Check

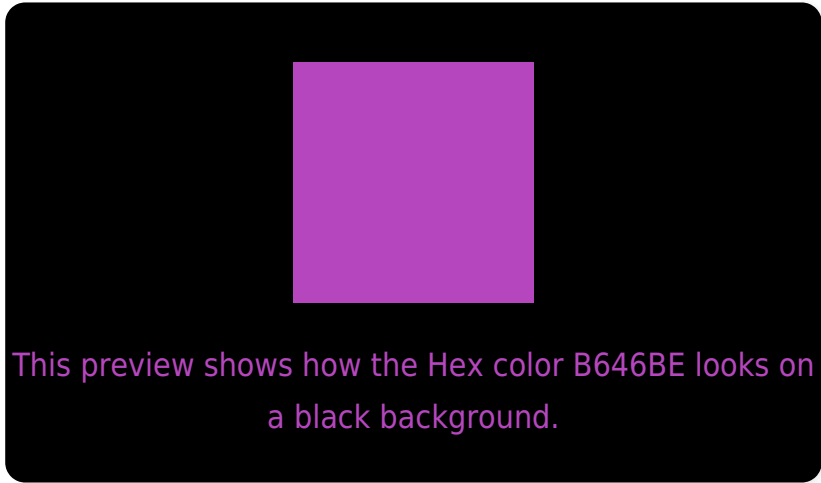
Large Text (above 18pt) WCAG AA ✓ Pass

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

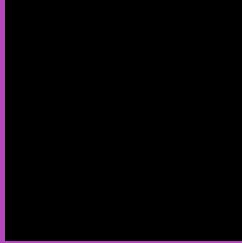
Any Text WCAG AA ✓ Pass

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 B646BE Background



This preview shows how black text looks on a background with the Hex color B646BE.

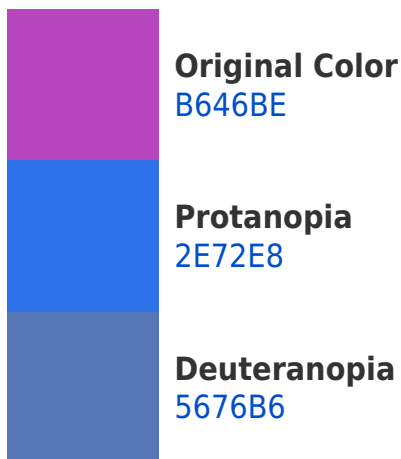


This preview shows how white text looks on a background with the Hex color B646BE.

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



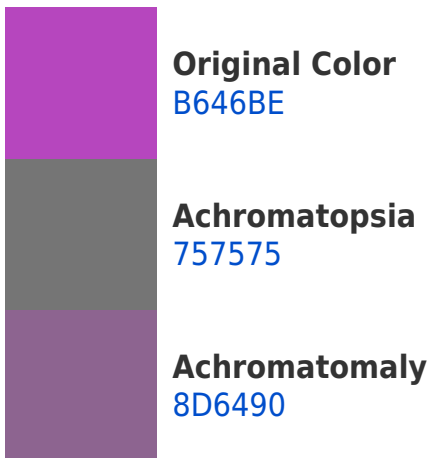


Tritanopia
AB6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B646BE 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 #B646BE looks like.

```
.text, #text, p{  
    color:#B646BE  
}
```

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 #B646BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B646BE }  
}
```

Border

The CSS property to change the border of an element to Hex B646BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

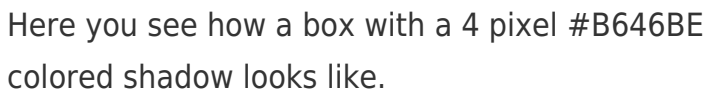
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B646BE }  
}
```

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

```
.border{ border-color:#B646BE }
```

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



Here you see how a box with a 4 pixel #B646BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B646BE; -webkit-box-shadow:4px 4px  
4px 4px #B646BE; box-shadow:4px 4px 4px  
4px #B646BE }
```

Background

The CSS property to change the background color of an element to Hex B646BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B646BE }
```

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

```
.background{ background-color:#B646BE }
```

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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