

Converting Colors

Hex(B641C3)

Have a look what the booklet for
Hex(B641C3) contains.

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Color

Hex(B641C3)

Conversions

Conversions Part 1

Format	Color
Hex	B641C3
RGB	182, 65, 195
RGB Percent	71%, 25%, 76%
CMY	0.2863, 0.7451, 0.2353
CMYK	0.07, 0.67, 0.00, 0.24
HSL	294°, 52%, 51%
HSV	294°, 67%, 76%
XYZ	31.0320, 17.6658, 53.4040
YIQ	114.8030, 28.0020, 65.2340

Conversions

Conversions Part 2

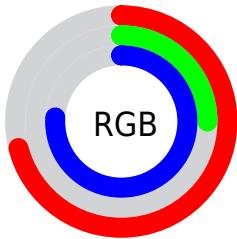
Format	Color
RYB	182, 65, 195
Decimal	11944387
CIELab	49.09, 63.74, -45.50
CIELCh	49, 78.316, 324.477
Yxy	17.6658, 0.3039, 0.1730
Android (android.graphics.Color)	4290134467 (0xFFB641C3)
YUV	114.8030, 39.5371, 58.9318
Hunter-Lab	42.0307, 58.2360, -45.9121

Details

The Hex color **B641C3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **4EC341**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F179FC**, and **7D008D** is the 20% darker color. If you saturate the color by 10%, you get **B42EC3**, and if you desaturate by 10%, it is **B855C3**.

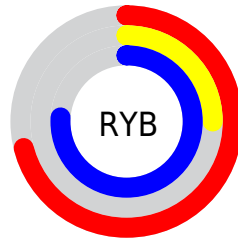
Distribution



Red (71%)

Green (25%)

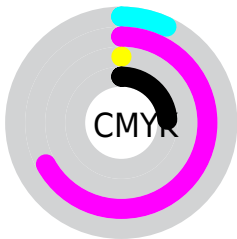
Blue (76%)



Red (71%)

Yellow (25%)

Blue (76%)

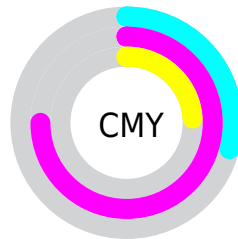


Cyan (7%)

Magenta (67%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (75%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B641C3 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 B641C3 by changing the saturation by 10% instead.

 B641C3

 B641C3

FFFFFF

 9921A7

 F179FC

 7D008D

 FF95FF

 620073

 FFB2FF

 460059

 FFCFFF

 2E0041

 FFECFF

 08002A

 000114

 000000

 B641C3

 B641C3

 B42EC3

 B855C3

 B21AC3

 BA68C3

 B007C3

 BC7CC3

 B000C3

 BE8FC3

 C0A3C3

 C2B6C3

 C4CAC3

 C6DDC3

 C8F1C3

Harmonies

Analogous

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



4869EF



B641C3



E00584

Triad

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



B641C3



986E00



0090AA

Complementary

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



B641C3



4EC341

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.



008F66



B641C3



598100

Square

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



B641C3



C84E00



008B1B



008DE1

Rectangle

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



B641C3



E60858



008B1B



009194

Sweetspot

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



B641C3



F7CAFC



414EC3



7C6180



000000



808080

Same Dimension

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



B641C3



E832FC



C3418F



605761



9100A1



1E0021

Inverse Universe

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



C3414E



FC3247



41C375



615758



A10010



210003

Previews

White Background



This preview shows how the Hex color B641C3 looks on a white background.

Color Contrast Check

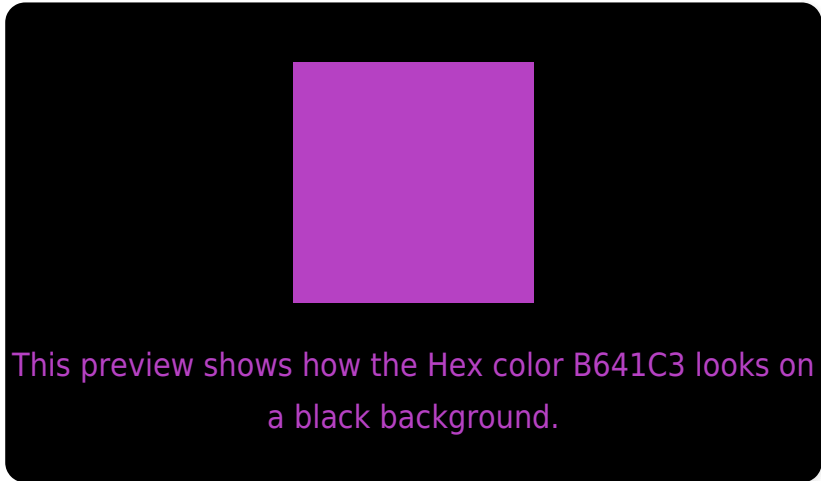
Large Text (above 18pt) WCAG AA ✓ Pass

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

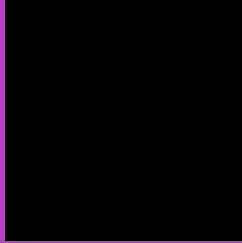
Any Text WCAG AA ✓ Pass

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 B641C3 Background



This preview shows how black text looks on a background with the Hex color B641C3.

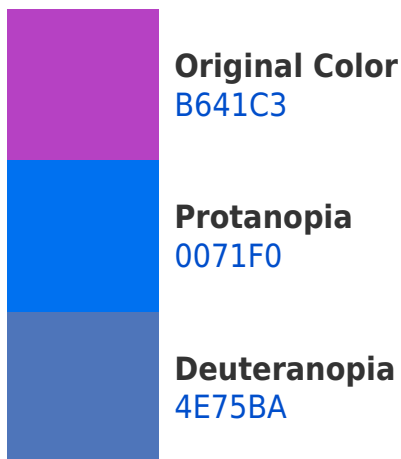



This preview shows how white text looks on a background with the Hex color B641C3.

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](#).

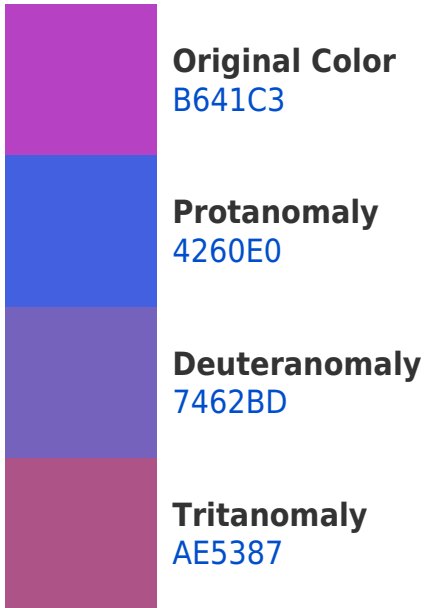
Dichromacy





Tritanopia
AA5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B641C3 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 #B641C3 looks like.

```
.text, #text, p{  
    color:#B641C3  
}
```

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 #B641C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B641C3
}
```

Border

The CSS property to change the border of an element to Hex B641C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

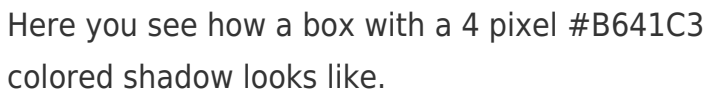
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B641C3 }
```

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

```
.border{ border-color:#B641C3 }
```

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



Here you see how a box with a 4 pixel #B641C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B641C3; -webkit-box-shadow:4px 4px  
4px 4px #B641C3; box-shadow:4px 4px 4px  
4px #B641C3 }
```

Background

The CSS property to change the background color of an element to Hex B641C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B641C3 }
```

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

```
.background{ background-color:#B641C3 }
```

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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