

Converting Colors

Hex(BC45C5)

Have a look what the booklet for
Hex(BC45C5) contains.

Hex(BC45C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC45C5)

Conversions

Conversions Part 1

Format	Color
Hex	BC45C5
RGB	188, 69, 197
RGB Percent	74%, 27%, 77%
CMY	0.2627, 0.7294, 0.2275
CMYK	0.05, 0.65, 0.00, 0.23
HSL	296°, 52%, 52%
HSV	296°, 65%, 77%
XYZ	32.9452, 18.9788, 54.7502
YIQ	119.1730, 29.8360, 65.0360

Conversions

Conversions Part 2

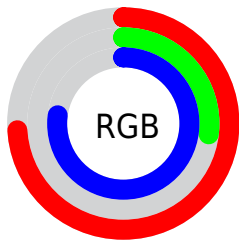
Format	Color
RYB	188, 69, 197
Decimal	12338629
CIELab	50.66, 63.89, -44.10
CIELCh	51, 77.634, 325.382
Yxy	18.9788, 0.3088, 0.1779
Android (android.graphics.Color)	4290528709 (0xFFBC45C5)
YUV	119.1730, 38.3687, 60.3613
Hunter-Lab	43.5647, 58.7500, -44.0178

Details

The Hex color **BC45C5** 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 **4EC545**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F77DFE**, and **83008F** is the 20% darker color. If you saturate the color by 10%, you get **BB31C5**, and if you desaturate by 10%, it is **BD59C5**.

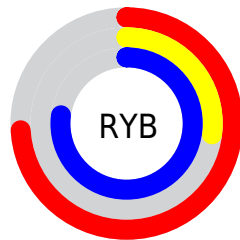
Distribution



Red (74%)

Green (27%)

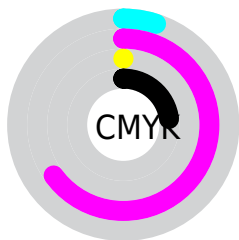
Blue (77%)



Red (74%)

Yellow (27%)

Blue (77%)

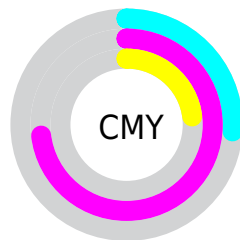


Cyan (5%)

Magenta (65%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (73%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC45C5 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 BC45C5 by changing the saturation by 10% instead.

 BC45C5

 BC45C5

FFFFFF

 9F26A9

 F77DFE

 83008F

 FF99FF

 670074

 FFB6FF

 4C005B

 FFD3FF

 340043

 FFF0FF

 14002C

 000116

 000000

 BC45C5

 BC45C5

 BB31C5

 BD59C5

 B91EC5

 BF6CC5

 B80AC5

 C080C5

 B700C5

 C294C5

 C3A8C5

 C4BBC5

 C6CFC5

 C7E3C5

 C8F6C5

Harmonies

Analogous

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



556CF2



BC45C5



E51786

Triad

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



BC45C5



9B7300



0095B0

Complementary

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



BC45C5



4EC545

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.



00946C



BC45C5



5C8500

Square

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



BC45C5



CB5400



008F23



0091E6

Rectangle

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



BC45C5



EA1B5A



008F23



00959A

Sweetspot

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



BC45C5



FCCFFF



4550C5



7D6280



000000



808080

Same Dimension

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



BC45C5



F138FF



C54590



635A63



9800A3



210024

Inverse Universe

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



C5454E



FF3846



45C57A



635A5A



A3000B



240003

Previews

White Background



This preview shows how the Hex color BC45C5 looks on a white background.

Color Contrast Check

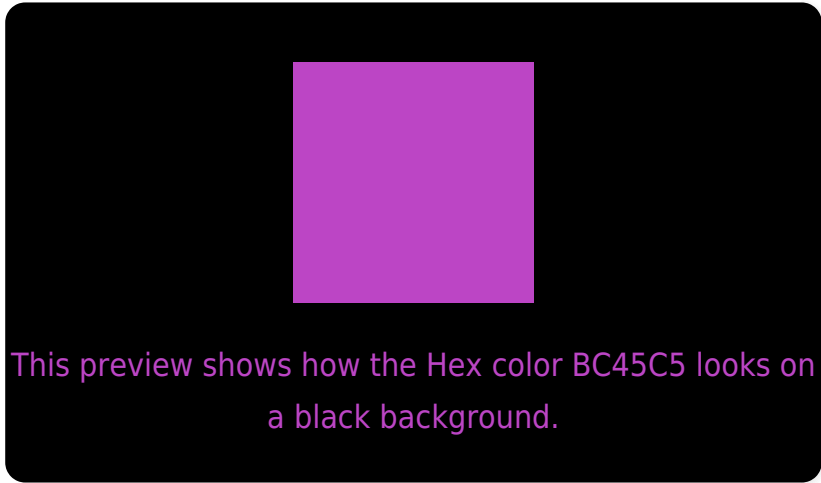
Large Text (above 18pt) WCAG AA ✓ Pass

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

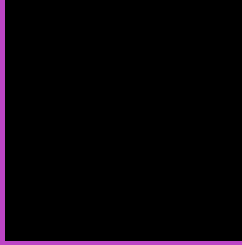
Any Text WCAG AA ✓ Pass

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 BC45C5 Background



This preview shows how black text looks on a background with the Hex color BC45C5.

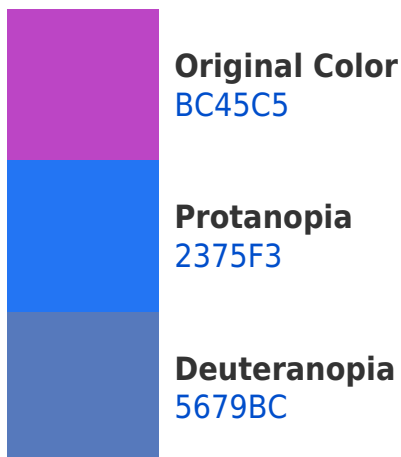


This preview shows how white text looks on a background with the Hex color BC45C5.

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



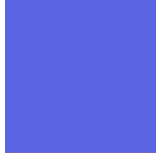


Tritanopia
B16168

Trichromacy



Original Color
BC45C5



Protanomaly
5B64E2



Deuteranomaly
7B66BF



Tritanomaly
B5578A

Monochromacy



Original Color
BC45C5



Achromatopsia
777777



Achromatomaly
906593

CSS Examples

Text

The CSS property to change the color of the text to Hex BC45C5 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 #BC45C5 looks like.

```
.text, #text, p{  
    color:#BC45C5  
}
```

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 #BC45C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC45C5
}
```

Border

The CSS property to change the border of an element to Hex BC45C5 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
#BC45C5 }
```

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

```
.border{ border-color:#BC45C5 }
```

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

Here you see how a box with a 4 pixel #BC45C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC45C5; -webkit-box-shadow:4px 4px  
4px 4px #BC45C5; box-shadow:4px 4px 4px  
4px #BC45C5 }
```

Background

The CSS property to change the background color of an element to Hex BC45C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC45C5 }
```

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

```
.background{ background-color:#BC45C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor