

Converting Colors

Hex(B663EC)

Have a look what the booklet for
Hex(B663EC) contains.

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Color

Hex(B663EC)

Conversions

Conversions Part 1

Format	Color
Hex	B663EC
RGB	182, 99, 236
RGB Percent	71%, 39%, 93%
CMY	0.2863, 0.6118, 0.0745
CMYK	0.23, 0.58, 0.00, 0.07
HSL	276°, 78%, 66%
HSV	276°, 58%, 93%
XYZ	38.8936, 24.9249, 82.1179
YIQ	139.4350, 5.4910, 60.2030

Conversions

Conversions Part 2

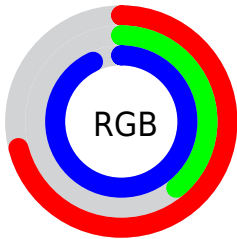
Format	Color
R _Y B	182, 99, 236
Decimal	11953132
CIE Lab	57.00, 56.54, -56.18
CIE LCh	57, 79.710, 315.183
Yxy	24.9249, 0.2665, 0.1708
Android (android.graphics.Color)	4290143212 (0xFFB663EC)
YUV	139.4350, 47.6065, 37.3295
Hunter-Lab	49.9248, 51.6906, -62.5747

Details

The Hex color **B663EC** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **99EC63**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F199FF**, and **7D2DB3** is the 20% darker color. If you saturate the color by 10%, you get **AD4BEC**, and if you desaturate by 10%, it is **BF7BEC**.

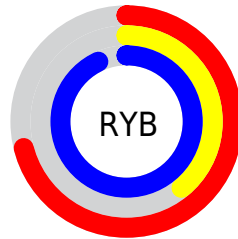
Distribution



Red (71%)

Green (39%)

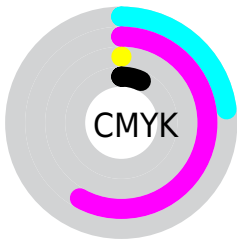
Blue (93%)



Red (71%)

Yellow (39%)

Blue (93%)

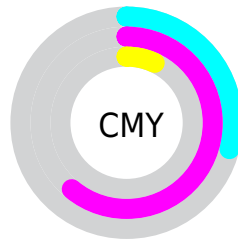


Cyan (23%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (61%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B663EC 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 B663EC by changing the saturation by 10% instead.

 B663EC

 B663EC

FFFFFF

 9948CF

 F199FF

 7D2DB3

 FFB5FF

 610C98

 FFD1FF

 45007D

 FFEEFF

 280064

 07004B

 000433

 00021D

 000000

 B663EC

 B663EC

 AD4BEC

 BF7BEC

 A334EC

 C992EC

 9A1CEC

 D2AAEC

 9105EC

 DBC1EC

 8F00EC

 E5D9EC

 EEF1EC

 F7FFEC

 FFFFEC

Harmonies

Analogous

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



0085FF



B663EC



F23AAE

Triad

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



B663EC



C17900



00A7AB

Complementary

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



B663EC



99EC63

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.



00A563



B663EC



859100

Square

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



B663EC



EE5625



249E10



00A5EB

Rectangle

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



B663EC



FF2D80



249E10



00A793

Sweetspot

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



B663EC



EED4FF



639AEC



756680



000000



808080

Same Dimension

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



B663EC



B94DFF



EC63DE



716A75



6E00B5



200036

Inverse Universe

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



EC6399



FF4D93



63EC71



756A6E



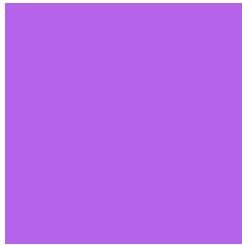
B50047



360015

Previews

White Background



This preview shows how the Hex color B663EC looks on a white background.

Color Contrast Check

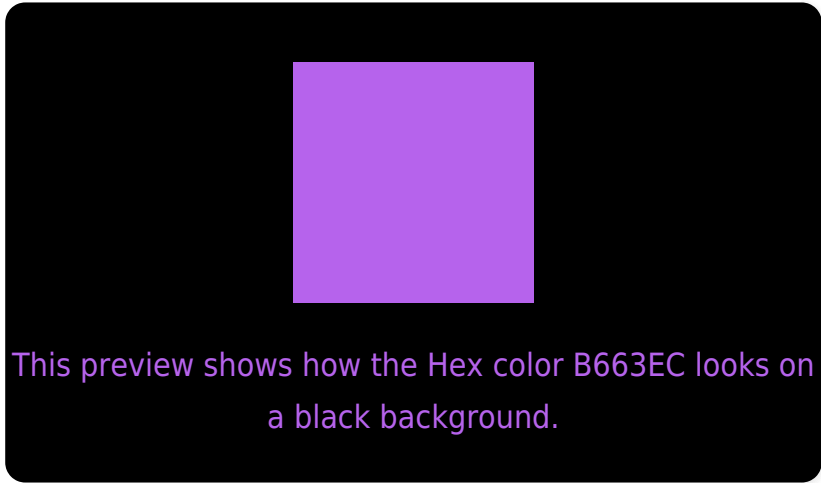
Large Text (above 18pt) WCAG AA ✓ Pass

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

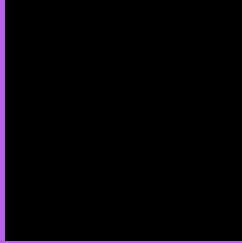
Any Text WCAG AA ✓ Pass

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 B663EC Background



This preview shows how black text looks on a background with the Hex color B663EC.

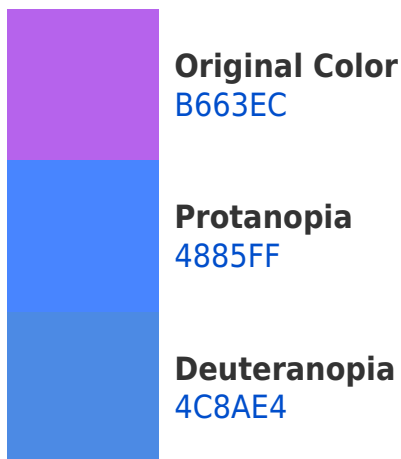


This preview shows how white text looks on a background with the Hex color B663EC.

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](#).

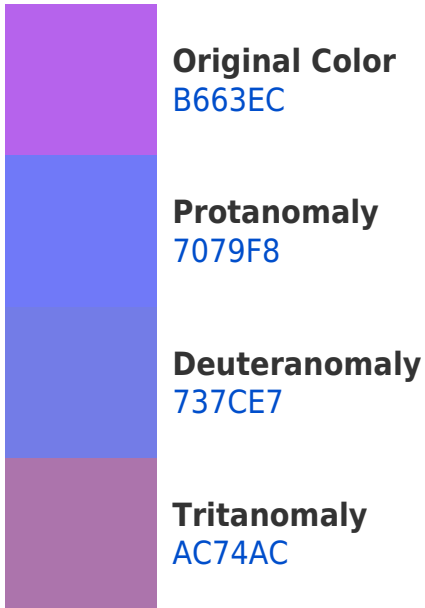
Dichromacy



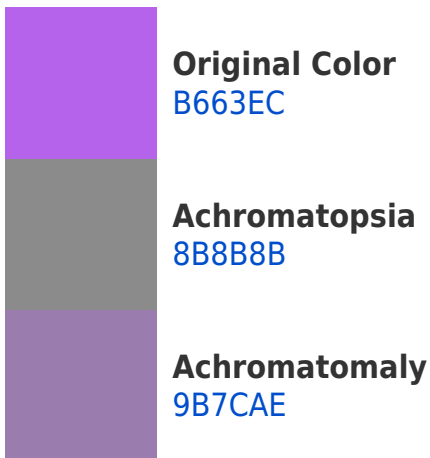


Tritanopia
A67E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B663EC 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 #B663EC looks like.

```
.text, #text, p{  
    color:#B663EC  
}
```

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 #B663EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B663EC
}
```

Border

The CSS property to change the border of an element to Hex B663EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

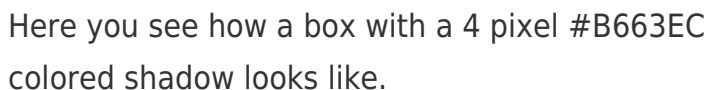
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B663EC }
```

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

```
.border{ border-color:#B663EC }
```

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



Here you see how a box with a 4 pixel #B663EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B663EC; -webkit-box-shadow:4px 4px  
4px 4px #B663EC; box-shadow:4px 4px 4px  
4px #B663EC }
```

Background

The CSS property to change the background color of an element to Hex B663EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B663EC }
```

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

```
.background{ background-color:#B663EC }
```

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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