

Converting Colors

Hex(B65BB8)

Have a look what the booklet for
Hex(B65BB8) contains.

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Color

Hex(**B65BB8**)

Conversions

Conversions Part 1

Format	Color
Hex	B65BB8
RGB	182, 91, 184
RGB Percent	71%, 36%, 72%
CMY	0.2863, 0.6431, 0.2784
CMYK	0.01, 0.51, 0.00, 0.28
HSL	299°, 40%, 54%
HSV	299°, 51%, 72%
XYZ	31.6842, 20.8879, 47.7092
YIQ	128.8110, 24.3830, 48.2150

Conversions

Conversions Part 2

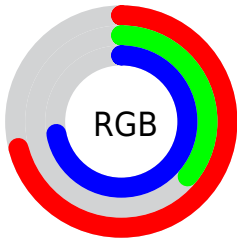
Format	Color
RYB	182, 91, 184
Decimal	11951032
CIELab	52.83, 50.02, -33.24
CIELCh	53, 60.058, 326.395
Yxy	20.8879, 0.3160, 0.2083
Android (android.graphics.Color)	4290141112 (0xFFB65BB8)
YUV	128.8110, 27.2082, 46.6468
Hunter-Lab	45.7033, 43.7658, -29.8999

Details

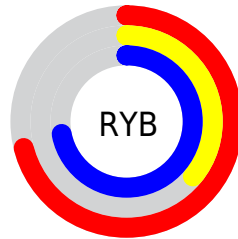
The Hex color **B65BB8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5DB85B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F091F0**, and **7F2583** is the 20% darker color. If you saturate the color by 10%, you get **B649B8**, and if you desaturate by 10%, it is **B66DB8**.

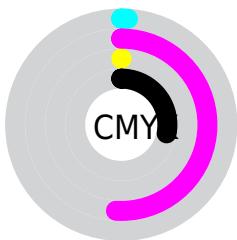
Distribution



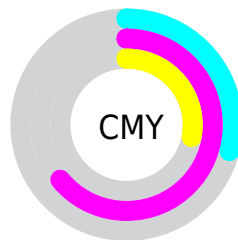
- Red (71%)
- Green (36%)
- Blue (72%)



- Red (71%)
- Yellow (36%)
- Blue (72%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B65BB8 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 B65BB8 by changing the saturation by 10% instead.

 B65BB8

 B65BB8

FFFFFF

 9A419D

 F091F0

 7F2583

 FFACFF

 640169

 FFC8FF

 4A0050

 FFE5FF

 320039

 150023

 000009

 000000

 B65BB8

 B65BB8

 B649B8

 B66DB8

 B536B8

 B780B8

 B524B8

 B792B8

 B411B8

 B8A5B8

 B400B8

 B8B7B8

 B8C9B8

 B9DCB8

 B9EEB8

 BAFFB8

Harmonies

Analogous

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



7173DB



B65BB8



D64A87

Triad

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



B65BB8



9C7A00



0096AB

Complementary

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



B65BB8



5DB85B

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.



009576



B65BB8



6A8910

Square

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



B65BB8



C26526



139141



0091D4

Rectangle

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



B65BB8



DA4B64



139141



00969A

Sweetspot

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



B65BB8



EFCCF0



5B5EB8



776278



F7F7F7



787878

Same Dimension

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



B65BB8



ED5DF0



B85B8D



5C535C



98009C



1B001C

Inverse Universe

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



B85B5D



F05D61



5BB886



5C5353



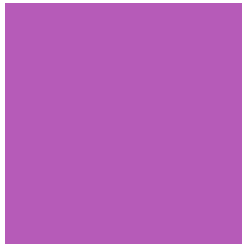
9C0003



1C0001

Previews

White Background



This preview shows how the Hex color B65BB8 looks on a white background.

Color Contrast Check

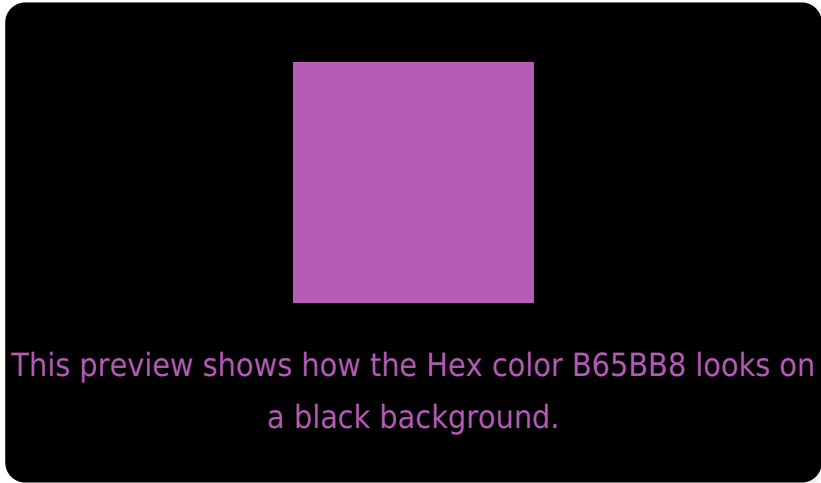
Large Text (above 18pt) WCAG AA ✓ Pass

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

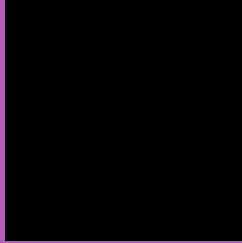
Any Text WCAG AA ✓ Pass

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 B65BB8 Background



This preview shows how black text looks on a background with the Hex color B65BB8.

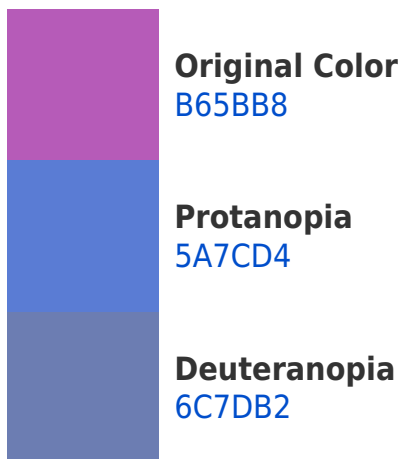


This preview shows how white text looks on a background with the Hex color B65BB8.

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
AD6C74

Trichromacy



Original Color
B65BB8



Protanomaly
7B70CA



Deuteranomaly
8771B4



Tritanomaly
B0668D

Monochromacy



Original Color
B65BB8



Achromatopsia
818181



Achromatomaly
947395

CSS Examples

Text

The CSS property to change the color of the text to Hex B65BB8 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 #B65BB8 looks like.

```
.text, #text, p{  
    color:#B65BB8  
}
```

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 #B65BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65BB8
}
```

Border

The CSS property to change the border of an element to Hex B65BB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

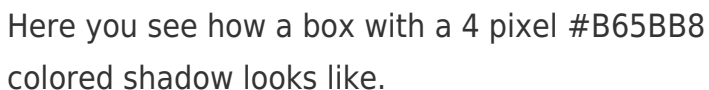
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B65BB8 }
```

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

```
.border{ border-color:#B65BB8 }
```

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



Here you see how a box with a 4 pixel #B65BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65BB8; -webkit-box-shadow:4px 4px  
4px 4px #B65BB8; box-shadow:4px 4px 4px  
4px #B65BB8 }
```

Background

The CSS property to change the background color of an element to Hex B65BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65BB8 }
```

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

```
.background{ background-color:#B65BB8 }
```

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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