

# Converting Colors

Hex(B65B80)

Have a look what the booklet for  
Hex(B65B80) contains.

<b>Hex(B65B80)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B65B80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B65B80</b>
RGB	<b>182, 91, 128</b>
RGB Percent	<b>71%, 36%, 50%</b>
CMY	<b>0.2863, 0.6431, 0.4980</b>
CMYK	<b>0.00, 0.50, 0.30, 0.29</b>
HSL	<b>336°, 38%, 54%</b>
HSV	<b>336°, 50%, 71%</b>
XYZ	<b>26.9288, 18.9858, 22.6674</b>
YIQ	<b>122.4270, 42.3590, 30.7990</b>

# Conversions

## Conversions Part 2

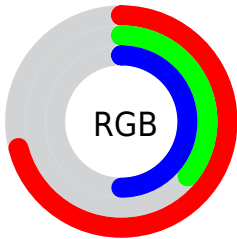
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 91, 128
Decimal	11950976
CIE <sub>Lab</sub>	50.67, 41.02, -3.59
CIE <sub>LCh</sub>	51, 41.178, 355.005
Yxy	18.9858, 0.3927, 0.2768
Android (android.graphics.Color)	4290141056 (0xFFB65B80)
YUV	122.4270, 2.7475, 52.2455
Hunter-Lab	43.5727, 34.0644, -0.3430

# Details

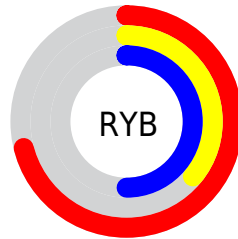
The Hex color **B65B80** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BB691**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F090B5**, and **7E284F** is the 20% darker color. If you saturate the color by 10%, you get **B64975**, and if you desaturate by 10%, it is **B66D8B**.

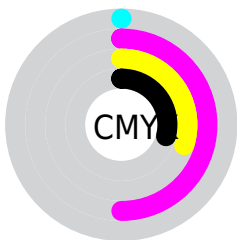
# Distribution



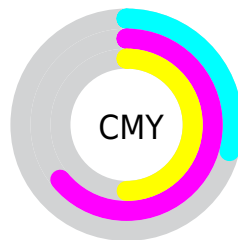
- Red (71%)
- Green (36%)
- Blue (50%)



- Red (71%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65B80 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 B65B80 by changing the saturation by 10% instead.



 B65B80

 B65B80

FFFFFF

 9A4167

 F090B5

 7E284F

 FFABD0

 630938

 FFC7ED

 490023

 FFE3FF

 33000D

 020000

 000000

 B65B80

 B65B80


 B64975

 B66D8B

 B6376A

 B67F96

 B62460

 B692A0

 B61255

 B6A4AB

 B6004A

 B6B6B6

 B6C8C1

 B6DACC

 B6EDD6

 B6FFE1

# Harmonies

## Analogous

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



9E64A1



B65B80



BA5D5D

# Triad

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



B65B80



707F36



0086B1

# Complementary

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



B65B80



5BB691

# 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.



008A95



B65B80



44864F

# Square

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



B65B80



927530



008A71



1F7EBE

# Rectangle

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



B65B80



B26448



008A71



0088A9



# Sweetspot

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



B65B80



EDCAD8



905BB6



78626B



F7F7F7



787878



# Same Dimension

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



B65B80



ED5F99



B6635B



5C5356



9C003F



1C000B



# Inverse Universe

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



B65B80



ED5F99



5BAEB6



5C5356



9C003F

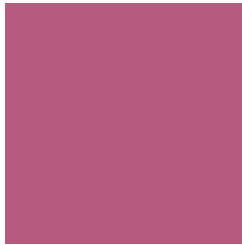


1C000B



# Previews

## White Background



This preview shows how the Hex color B65B80 looks on a white background.

## Color Contrast Check

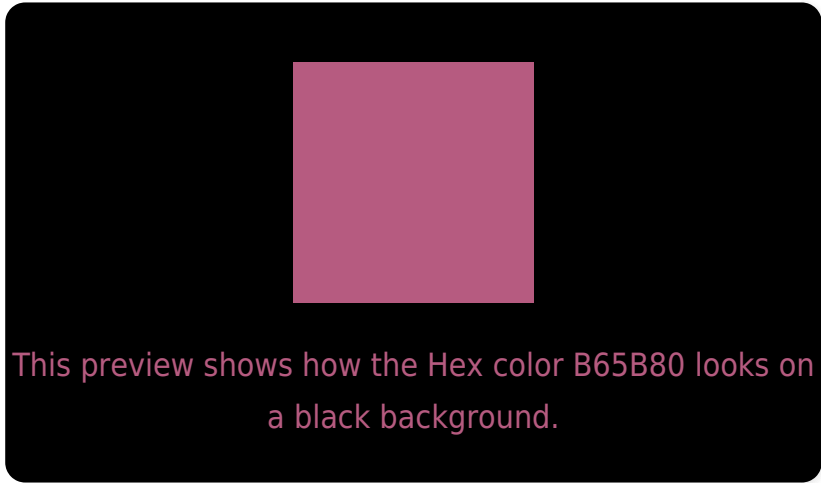
Large Text (above 18pt) WCAG AA ✓ Pass

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

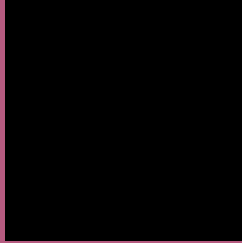
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B65B80 Background



This preview shows how black text looks on a background with the Hex color B65B80.



This preview shows how white text looks on a background with the Hex color B65B80.

# 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



**Original Color**  
B65B80

**Protanopia**  
737892

**Deuteranopia**  
84757C



**Tritanopia**  
B46067

# Trichromacy



**Original Color**  
B65B80

**Protanomaly**  
8B6D8B

**Deuteranomaly**  
966C7D

**Tritanomaly**  
B55E70

# Monochromacy



**Original Color**  
B65B80

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
906F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65B80 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 #B65B80 looks like.

```
.text, #text, p{  
    color:#B65B80  
}
```

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 #B65B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65B80
}
```

## Border

The CSS property to change the border of an element to Hex B65B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

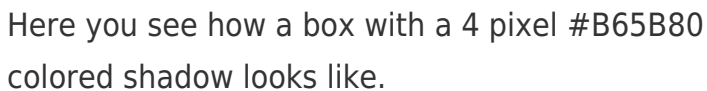
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B65B80 }
```

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

```
.border{ border-color:#B65B80 }
```

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



Here you see how a box with a 4 pixel #B65B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65B80; -webkit-box-shadow:4px 4px  
4px 4px #B65B80; box-shadow:4px 4px 4px  
4px #B65B80 }
```

# Background

The CSS property to change the background color of an element to Hex B65B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65B80 }
```

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

```
.background{ background-color:#B65B80 }
```

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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