

# Converting Colors

Hex(BE35B2)

Have a look what the booklet for  
Hex(BE35B2) contains.

<b>Hex(BE35B2)</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(**BE35B2**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE35B2
RGB	190, 53, 178
RGB Percent	75%, 21%, 70%
CMY	0.2549, 0.7922, 0.3020
CMYK	0.00, 0.72, 0.06, 0.25
HSL	305°, 56%, 48%
HSV	305°, 72%, 75%
XYZ	30.5442, 16.7077, 43.7345
YIQ	108.2130, 41.5270, 67.9190

# Conversions

## Conversions Part 2

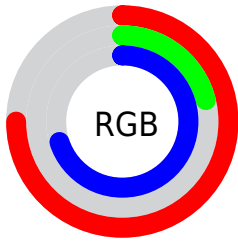
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 53, 178
Decimal	12465586
CIE <sub>Lab</sub>	47.89, 67.09, -37.41
CIE <sub>LCh</sub>	48, 76.818, 330.856
Yxy	16.7077, 0.3357, 0.1836
Android (android.graphics.Color)	4290655666 (0xFFBE35B2)
YUV	108.2130, 34.4050, 71.7272
Hunter-Lab	40.8751, 61.8541, -34.8252

# Details

The Hex color **BE35B2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **35BE41**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F970EA**, and **85007D** is the 20% darker color. If you saturate the color by 10%, you get **BE22B0**, and if you desaturate by 10%, it is **BE48B4**.

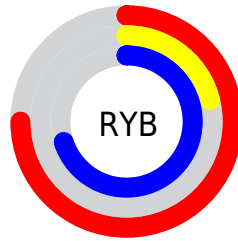
# Distribution



Red (75%)

Green (21%)

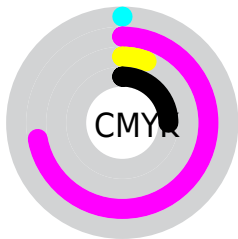
Blue (70%)



Red (75%)

Yellow (21%)

Blue (70%)

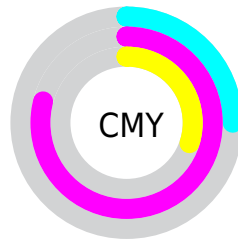


Cyan (0%)

Magenta (72%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE35B2 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 BE35B2 by changing the saturation by 10% instead.



 BE35B2

 BE35B2

FFFFFF

 A10A97

 F970EA

 85007D

 FF8DFF

 690063

 FFA9FF

 4D004B

 FFC6FF

 340034

 FFE4FF

 12001D

 000000

 BE35B2

 BE35B2

 BE22B0

 BE48B4

 BE0FAF

 BE5BB5

 BE00AD

 BE6EB7

 BE81B9

 BE94BA

 BEA7BC

 BEBABE

 BECDBF

 BEE0C1

# Harmonies

## Analogous

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



695FE3



BE35B2



DE0073

# Triad

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



BE35B2



897000



008DB3

# Complementary

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



BE35B2



35BE41

# 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.



008C72



BE35B2



468000

# Square

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



BE35B2



BA5400



00892C



0088E4

# Rectangle

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



BE35B2



DF1748



00892C



008D9E



# Sweetspot

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



BE35B2



F7C1F3



4035BE



7D5C7A



FCFCFC



7D7D7D



# Same Dimension

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



BE35B2



F720E5



BE356E



5E555E



9E0090



1F001C



# Inverse Universe

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



BE35B2



F720E5



35BE85



5E555E



9E0090



1F001C



# Previews

## White Background



This preview shows how the Hex color BE35B2 looks on a white background.

## Color Contrast Check

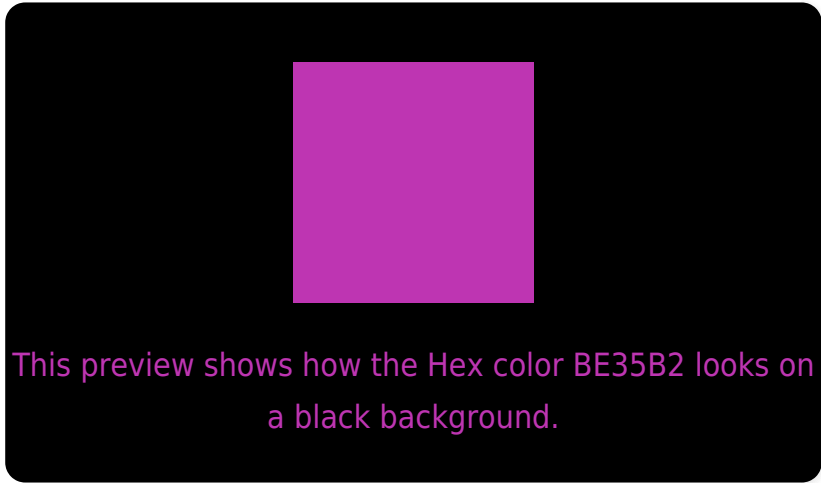
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

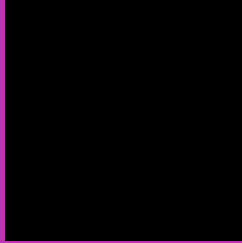
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BE35B2 Background



This preview shows how black text looks on a background with the Hex color BE35B2.

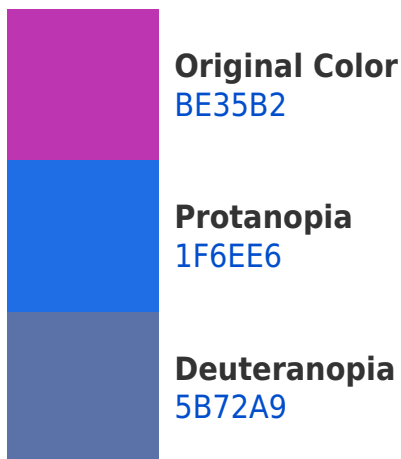


This preview shows how white text looks on a background with the Hex color BE35B2.

# 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



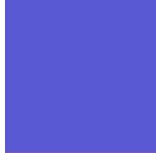


**Tritanopia**  
B55359

# Trichromacy



**Original Color**  
BE35B2



**Protanomaly**  
5959D3



**Deuteranomaly**  
7F5CAC

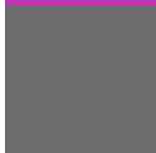


**Tritanomaly**  
B84879

# Monochromacy



**Original Color**  
BE35B2



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
8A5885

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE35B2 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 #BE35B2 looks like.

```
.text, #text, p{  
    color:#BE35B2  
}
```

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 #BE35B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE35B2
}
```

## Border

The CSS property to change the border of an element to Hex BE35B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

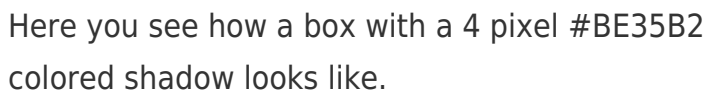
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE35B2 }
```

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

```
.border{ border-color:#BE35B2 }
```

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



Here you see how a box with a 4 pixel `#BE35B2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE35B2; -webkit-box-shadow:4px 4px  
4px 4px #BE35B2; box-shadow:4px 4px 4px  
4px #BE35B2 }
```

# Background

The CSS property to change the background color of an element to Hex BE35B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE35B2 }
```

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

```
.background{ background-color:#BE35B2 }
```

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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