

# Converting Colors

Hex(BE52AB)

Have a look what the booklet for  
Hex(BE52AB) contains.

<b>Hex(BE52AB)</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(BE52AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE52AB
RGB	190, 82, 171
RGB Percent	75%, 32%, 67%
CMY	0.2549, 0.6784, 0.3294
CMYK	0.00, 0.57, 0.10, 0.25
HSL	311°, 45%, 53%
HSV	311°, 57%, 75%
XYZ	31.6032, 19.9220, 40.7077
YIQ	124.4380, 35.7990, 50.5750

# Conversions

## Conversions Part 2

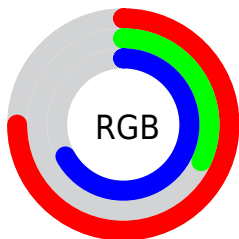
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 82, 171
Decimal	12473003
CIE <sub>Lab</sub>	51.75, 54.37, -27.27
CIE <sub>LCh</sub>	52, 60.826, 333.363
Yxy	19.9220, 0.3426, 0.2160
Android (android.graphics.Color)	4290663083 (0xFFBE52AB)
YUV	124.4380, 22.9551, 57.4979
Hunter-Lab	44.6341, 48.2774, -22.8306

# Details

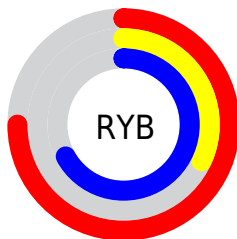
The Hex color **BE52AB** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **52BE65**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F988E3**, and **861776** is the 20% darker color. If you saturate the color by 10%, you get **BE3FA8**, and if you desaturate by 10%, it is **BE65AE**.

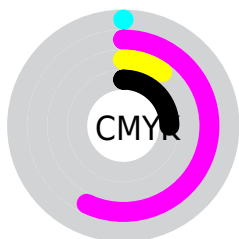
# Distribution



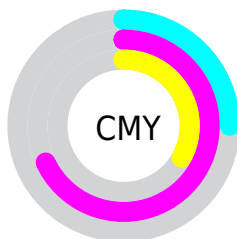
- Red (75%)
- Green (32%)
- Blue (67%)



- Red (75%)
- Yellow (32%)
- Blue (67%)



- Cyan (0%)
- Magenta (57%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (68%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE52AB 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 BE52AB by changing the saturation by 10% instead.



BE52AB

BE52AB

FFFFFF

A23690

F988E3

861776

FFA4FF

6B005D

FFC0FF

500046

FFDDFF

38002F

FFFAFF

1A0019

000000

BE52AB

BE52AB

BE3FA8

BE65AE

 BE2CA4

 BE78B2

 BE19A1

 BE8BB5

 BE069E

 BE9EB8

 BE009D

 BEB1BC

 BEC4BF

 BED7C2

 BEEAC6

 BEFDC9

# Harmonies

## Analogous

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



826BD3



BE52AB



D74478

# Triad

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



BE52AB



8F7B00



0092B3

# Complementary

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



BE52AB



52BE65

# 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.



009380



BE52AB



598816

# Square

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



BE52AB



B86716



00904A



008DD8

# Rectangle

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



BE52AB



D74A55



00904A



0093A3



# Sweetspot

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



BE52AB



F7CDF0



6452BE



7D6479



FCFCFC



7D7D7D



# Same Dimension

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



BE52AB



F74FDA



BE5276



5E555D



9E0082



1F0019



# Inverse Universe

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



BE52AB



F74FDA



52BE9A



5E555D



9E0082



1F0019



# Previews

## White Background



This preview shows how the Hex color BE52AB 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

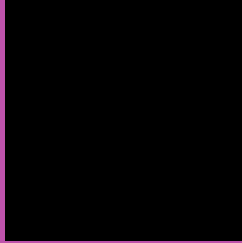
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE52AB Background



This preview shows how black text looks on a background with the Hex color BE52AB.

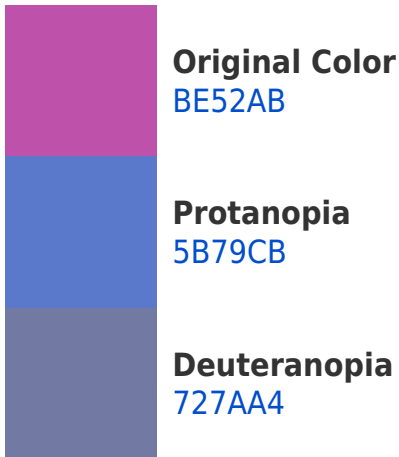


This preview shows how white text looks on a background with the Hex color BE52AB.

# 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](#).

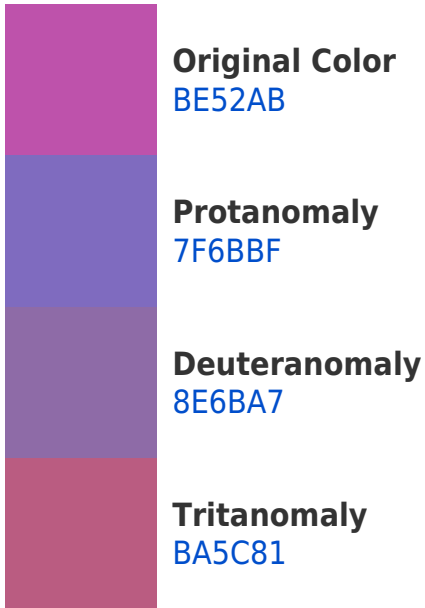
## Dichromacy



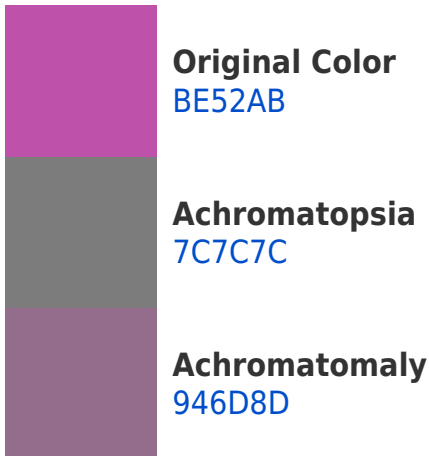


**Tritanopia**  
B76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE52AB 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 #BE52AB looks like.

```
.text, #text, p{  
    color:#BE52AB  
}
```

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 #BE52AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE52AB
}
```

## Border

The CSS property to change the border of an element to Hex BE52AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

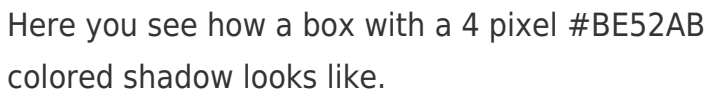
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE52AB }
```

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

```
.border{ border-color:#BE52AB }
```

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



Here you see how a box with a 4 pixel `#BE52AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE52AB; -webkit-box-shadow:4px 4px  
4px 4px #BE52AB; box-shadow:4px 4px 4px  
4px #BE52AB }
```

# Background

The CSS property to change the background color of an element to Hex BE52AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE52AB }
```

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

```
.background{ background-color:#BE52AB }
```

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