

# Converting Colors

Hex(B53EBB)

Have a look what the booklet for  
Hex(B53EBB) contains.

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# Color

**Hex(B53EBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53EBB
RGB	181, 62, 187
RGB Percent	71%, 24%, 73%
CMY	0.2902, 0.7569, 0.2667
CMYK	0.03, 0.67, 0.00, 0.27
HSL	297°, 50%, 49%
HSV	297°, 67%, 73%
XYZ	29.7483, 16.8569, 48.6995
YIQ	111.8310, 30.7990, 64.1030

# Conversions

## Conversions Part 2

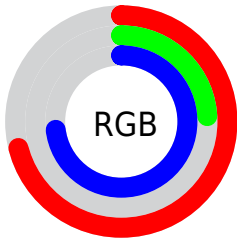
Format	Color
R <sub>Y</sub> B	181, 62, 187
Decimal	11878075
CIE Lab	48.08, 63.27, -42.47
CIE LCh	48, 76.206, 326.131
Yxy	16.8569, 0.3121, 0.1769
Android (android.graphics.Color)	4290068155 (0xFFB53EBB)
YUV	111.8310, 37.0583, 60.6612
Hunter-Lab	41.0571, 57.4839, -41.5863

# Details

The Hex color **B53EBB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **44BB3E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F077F4**, and **7C0085** is the 20% darker color. If you saturate the color by 10%, you get **B42BBB**, and if you desaturate by 10%, it is **B651BB**.

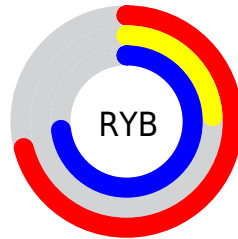
# Distribution



Red (71%)

Green (24%)

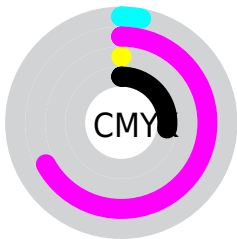
Blue (73%)



Red (71%)

Yellow (24%)

Blue (73%)

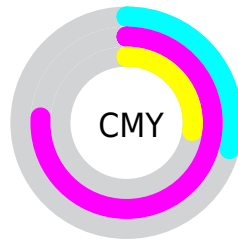


Cyan (3%)

Magenta (67%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (76%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53EBB 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 B53EBB by changing the saturation by 10% instead.



 B53EBB

 B53EBB

FFFFFF

 981DA0

 F077F4

 7C0085

 FF93FF

 61006B

 FFAFFF

 460052

 FFCCFF

 2D003B

 FFE9FF

 040024

 00000B

 000000

 B53EBB

 B53EBB

 B42BBB

 B651BB

 B319BB

 B763BB

 B206BB

 B876BB

 B200BB

 B989BB

 B99CBB

 BAAEBB

 BBC1BB

 BCD4BB

 BDE6BB

# Harmonies

## Analogous

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



5265E7



B53EBB



DC0A7D

# Triad

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



B53EBB



926D00



008DAA

# Complementary

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



B53EBB



44BB3E

# 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.



008C68



B53EBB



547F00

# Square

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



B53EBB



C14F00



008821



0089DD

# Rectangle

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



B53EBB



E01253



008821



008D94



# Sweetspot

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



B53EBB



F0C2F2



3E44BB



795D7A



FAFAFA



7A7A7A



# Same Dimension

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



B53EBB



E930F2



BB3E83



5E555E



97009E



1D001F



# Inverse Universe

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



BB3E44



F2303A



3EBB76



5E5555



9E0008



1F0001



# Previews

## White Background



This preview shows how the Hex color B53EBB 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

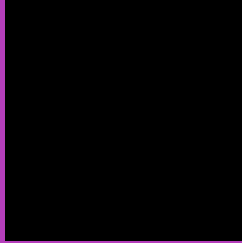
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B53EBB Background



This preview shows how black text looks on a background with the Hex color B53EBB.

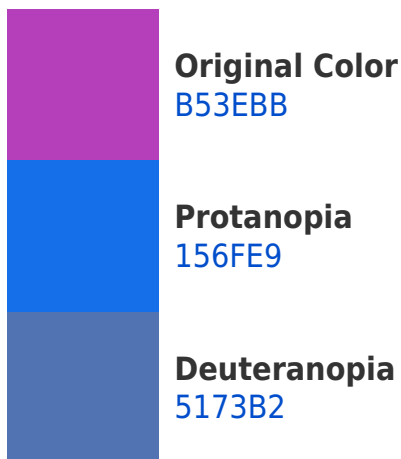


This preview shows how white text looks on a background with the Hex color B53EBB.

# 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**  
AA5A61

# Trichromacy



**Original Color**  
B53EBB



**Protanomaly**  
4F5DD8



**Deuteranomaly**  
7560B5



**Tritanomaly**  
AE5082

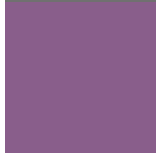
# Monochromacy



**Original Color**  
B53EBB



**Achromatopsia**  
707070



**Achromatomaly**  
895E8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53EBB 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 #B53EBB looks like.

```
.text, #text, p{  
    color:#B53EBB  
}
```

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 #B53EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53EBB
}
```

## Border

The CSS property to change the border of an element to Hex B53EBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

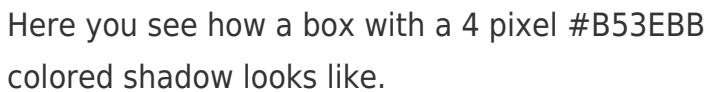
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53EBB }
```

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

```
.border{ border-color:#B53EBB }
```

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



Here you see how a box with a 4 pixel #B53EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53EBB; -webkit-box-shadow:4px 4px  
4px 4px #B53EBB; box-shadow:4px 4px 4px  
4px #B53EBB }
```

# Background

The CSS property to change the background color of an element to Hex B53EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53EBB }
```

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

```
.background{ background-color:#B53EBB }
```

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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