

Converting Colors

Hex(B53B93)

Have a look what the booklet for
Hex(B53B93) contains.

Hex(B53B93)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B53B93)

Conversions

Conversions Part 1

Format	Color
Hex	B53B93
RGB	181, 59, 147
RGB Percent	71%, 23%, 58%
CMY	0.2902, 0.7686, 0.4235
CMYK	0.00, 0.67, 0.19, 0.29
HSL	317°, 51%, 47%
HSV	317°, 67%, 71%
XYZ	25.8865, 15.0583, 29.1459
YIQ	105.5100, 44.4640, 53.2320

Conversions

Conversions Part 2

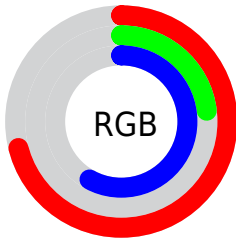
Format	Color
R_{YB}	181, 59, 147
Decimal	11877267
CIE _{Lab}	45.71, 58.09, -22.49
CIE _{LCh}	46, 62.296, 338.835
Yxy	15.0583, 0.3693, 0.2148
Android (android.graphics.Color)	4290067347 (0xFFB53B93)
YUV	105.5100, 20.4546, 66.2047
Hunter-Lab	38.8050, 51.1671, -17.3685

Details

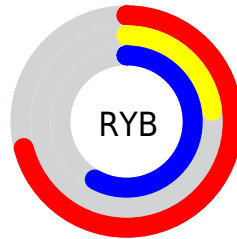
The Hex color **B53B93** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3BB55D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F073C9**, and **7C0060** is the 20% darker color. If you saturate the color by 10%, you get **B5298E**, and if you desaturate by 10%, it is **B54D98**.

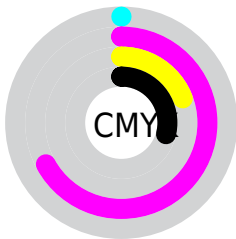
Distribution



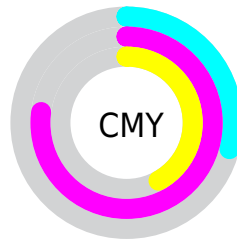
- Red (71%)
- Green (23%)
- Blue (58%)



- Red (71%)
- Yellow (23%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53B93 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 B53B93 by changing the saturation by 10% instead.

 B53B93

 B53B93

FFFFFF

 981A79

 F073C9

 7C0060

 FF8FE5

 610048

 FFABFF

 460031

 FFC7FF

 2D001C

 FFE5FF

 000000

 B53B93

 B53B93

 B5298E

 B54D98

 B51789

 B55F9D

 B50584

 B571A2

 B50083

 B583A7

 B596AC

 B5A8B1

 B5BAB6

 B5CCBB

 B5DEC0

Harmonies

Analogous

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



8057BE



B53B93



C72F5F

Triad

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



B53B93



756F00



0082AD

Complementary

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



B53B93



3BB55D

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.



00837B



B53B93



3B7B07

Square

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



B53B93



A05C00



008144



007CCE

Rectangle

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



B53B93



C43A3D



008144



00839D

Sweetspot

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



B53B93



EBBCDE



5C3BB5



75596D



F5F5F5



757575

Same Dimension

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



B53B93



EB2DB6



B53B57



595057



99006E



1A0012

Inverse Universe

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



B53B93



EB2DB6



3BB599



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color B53B93 looks on a white background.

Color Contrast Check

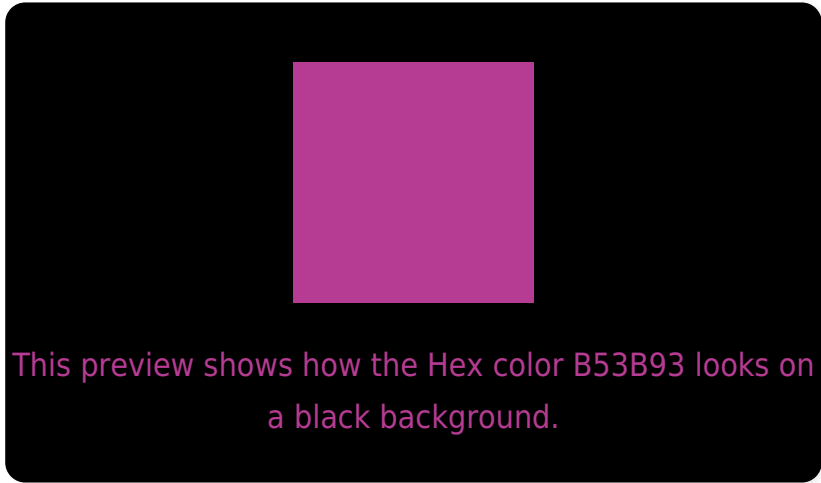
Large Text (above 18pt) WCAG AA ✓ Pass

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

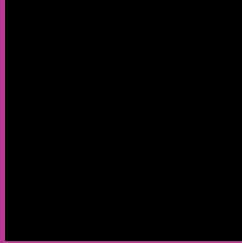
Any Text WCAG AA × Fail

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 B53B93 Background



This preview shows how black text looks on a background with the Hex color B53B93.



This preview shows how white text looks on a background with the Hex color B53B93.

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



Trichromacy



Original Color
B53B93



Protanomaly
7259AB



Deuteranomaly
835A8F



Tritanomaly
B1466A

Monochromacy



Original Color
B53B93



Achromatopsia
6A6A6A



Achromatomaly
855979

CSS Examples

Text

The CSS property to change the color of the text to Hex B53B93 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 #B53B93 looks like.

```
.text, #text, p{  
    color:#B53B93  
}
```

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 #B53B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53B93
}
```

Border

The CSS property to change the border of an element to Hex B53B93 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
#B53B93 }
```

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

```
.border{ border-color:#B53B93 }
```

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

Here you see how a box with a 4 pixel #B53B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53B93; -webkit-box-shadow:4px 4px  
4px 4px #B53B93; box-shadow:4px 4px 4px  
4px #B53B93 }
```

Background

The CSS property to change the background color of an element to Hex B53B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53B93 }
```

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

```
.background{ background-color:#B53B93 }
```

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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