

# Converting Colors

Hex(B53F93)

Have a look what the booklet for  
Hex(B53F93) contains.

<b>Hex(B53F93)</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(B53F93)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B53F93
RGB	181, 63, 147
RGB Percent	71%, 25%, 58%
CMY	0.2902, 0.7529, 0.4235
CMYK	0.00, 0.65, 0.19, 0.29
HSL	317°, 48%, 48%
HSV	317°, 65%, 71%
XYZ	26.1000, 15.4854, 29.2171
YIQ	107.8580, 43.3640, 51.1400

# Conversions

## Conversions Part 2

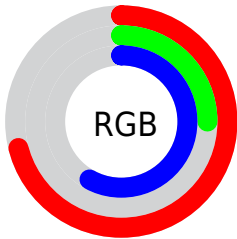
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 63, 147
Decimal	11878291
CIE <sub>Lab</sub>	46.29, 56.49, -21.60
CIE <sub>LCh</sub>	46, 60.480, 339.075
Yxy	15.4854, 0.3686, 0.2187
Android (android.graphics.Color)	4290068371 (0xFFB53F93)
YUV	107.8580, 19.2970, 64.1455
Hunter-Lab	39.3514, 49.5259, -16.4748

# Details

The Hex color **B53F93** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3FB561**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F076C9**, and **7D0060** is the 20% darker color. If you saturate the color by 10%, you get **B52D8E**, and if you desaturate by 10%, it is **B55198**.

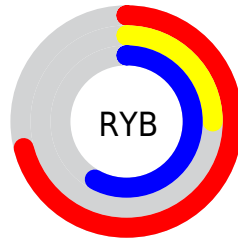
# Distribution



Red (71%)

Green (25%)

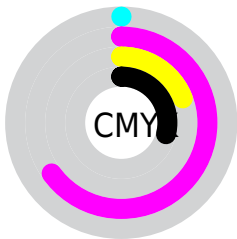
Blue (58%)



Red (71%)

Yellow (25%)

Blue (58%)

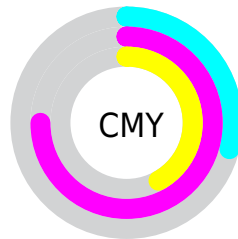


Cyan (0%)

Magenta (65%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (75%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53F93 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 B53F93 by changing the saturation by 10% instead.



 B53F93

 B53F93

FFFFFF

 992079

 F076C9

 7D0060

 FF92E5

 610048

 FFAEFF

 470031

 FFCBFF

 2E001C

 FFE8FF

 000000

 B53F93

 B53F93

 B52D8E

 B55198

 B51B89

 B5639D

 B50983

 B575A3

 B50081

 B587A8

 B59AAD

 B5ACB2

 B5BEB8

 B5D0BD

 B5E2C2

# Harmonies

## Analogous

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



8259BD



B53F93



C73560

# Triad

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



B53F93



767000



0083AD

# Complementary

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



B53F93



3FB561

# 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.



00847C



B53F93



3E7C10

# Square

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



B53F93



A15E00



008247



007DCD

# Rectangle

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



B53F93



C33E40



008247



00849E



# Sweetspot

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



B53F93



EBBCDD



603FB5



75596D



F5F5F5



757575



# Same Dimension

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



B53F93



EB34B6



B53F59



595057



99006D



1A0012



# Inverse Universe

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



B53F93



EB34B6



3FB59B



595057



99006D



1A0012



# Previews

## White Background



This preview shows how the Hex color B53F93 looks on a white background.

## Color Contrast Check

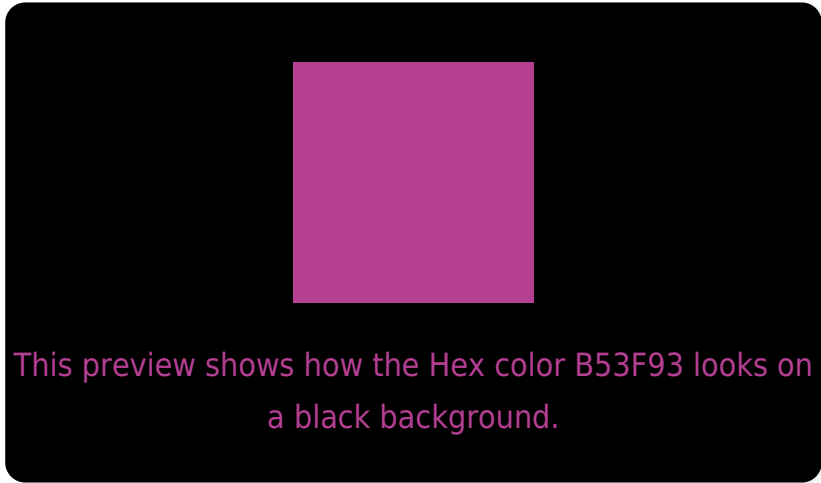
Large Text (above 18pt) WCAG AA ✓ Pass

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

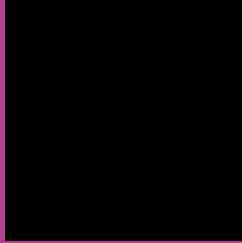
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B53F93 Background



This preview shows how black text looks on a background with the Hex color B53F93.



This preview shows how white text looks on a background with the Hex color B53F93.

# 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**  
AF5055

# Trichromacy



**Original Color**  
B53F93



**Protanomaly**  
755CAA



**Deuteranomaly**  
855C8F



**Tritanomaly**  
B14A6C

# Monochromacy



**Original Color**  
B53F93



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
875C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53F93 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 #B53F93 looks like.

```
.text, #text, p{  
    color:#B53F93  
}
```

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 #B53F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53F93
}
```

## Border

The CSS property to change the border of an element to Hex B53F93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

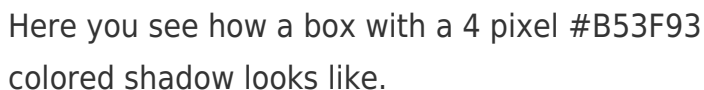
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53F93 }
```

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

```
.border{ border-color:#B53F93 }
```

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



Here you see how a box with a 4 pixel #B53F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53F93; -webkit-box-shadow:4px 4px  
4px 4px #B53F93; box-shadow:4px 4px 4px  
4px #B53F93 }
```

# Background

The CSS property to change the background color of an element to Hex B53F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53F93 }
```

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

```
.background{ background-color:#B53F93 }
```

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