

# Converting Colors

Hex(B53892)

Have a look what the booklet for  
Hex(B53892) contains.

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**Color**

**Hex(B53892)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B53892
RGB	181, 56, 146
RGB Percent	71%, 22%, 57%
CMY	0.2902, 0.7804, 0.4275
CMYK	0.00, 0.69, 0.19, 0.29
HSL	317°, 53%, 46%
HSV	317°, 69%, 71%
XYZ	25.6585, 14.7274, 28.6845
YIQ	103.6350, 45.6100, 54.4900

# Conversions

## Conversions Part 2

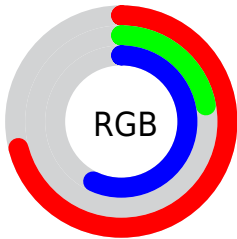
Format	Color
<a href="#">RYB</a>	<a href="#">181, 56, 146</a>
Decimal	<a href="#">11876498</a>
CIELab	<a href="#">45.26, 59.10, -22.59</a>
CIElCh	<a href="#">45, 63.273, 339.080</a>
Yxy	<a href="#">14.7274, 0.3715, 0.2132</a>
Android (android.graphics.Color)	<a href="#">4290066578</a> ( <a href="#">0xFFB53892</a> )
YUV	<a href="#">103.6350, 20.8859, 67.8491</a>
Hunter-Lab	<a href="#">38.3763, 52.1871, -17.4530</a>

# Details

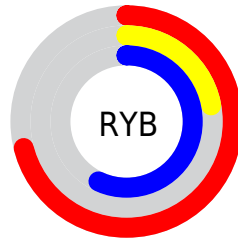
The Hex color **B53892** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **38B55B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F071C8**, and **7C005F** is the 20% darker color. If you saturate the color by 10%, you get **B5268D**, and if you desaturate by 10%, it is **B54A97**.

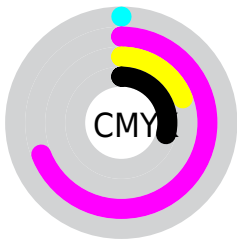
# Distribution



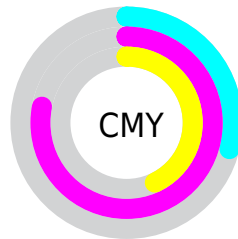
- Red (71%)
- Green (22%)
- Blue (57%)



- Red (71%)
- Yellow (22%)
- Blue (57%)



- Cyan (0%)
- Magenta (69%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53892 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 B53892 by changing the saturation by 10% instead.



 B53892

 B53892

FFFFFF

 981678

 F071C8

 7C005F

 FF8CE4

 610047

 FFA9FF

 460031

 FFC5FF

 2C001B

 FFE2FF

 000000

 B53892

 B53892

 B5268D

 B54A97

 B51488

 B55C9C

 B50283

 B56EA1

 B50082

 B580A6

 B593AB

 B5A5B0

 B5B7B5

 B5C9BB

 B5DBC0

# Harmonies

## Analogous

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



7F55BE



B53892



C72C5D

# Triad

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



B53892



736E00



0081AD

# Complementary

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



B53892



38B55B

# 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.



00827A



B53892



387A02

# Square

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



B53892



9F5A00



008043



007BCE

# Rectangle

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



B53892



C3373B



008043



00829D



# Sweetspot

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



B53892



EBB9DD



5938B5



75586D



F5F5F5



757575



# Same Dimension

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



B53892



EB28B4



B53855



595057



99006E



1A0012



# Inverse Universe

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



B53892



EB28B4



38B598



595057



99006E



1A0012



# Previews

## White Background



This preview shows how the Hex color B53892 looks on a white background.

## Color Contrast Check

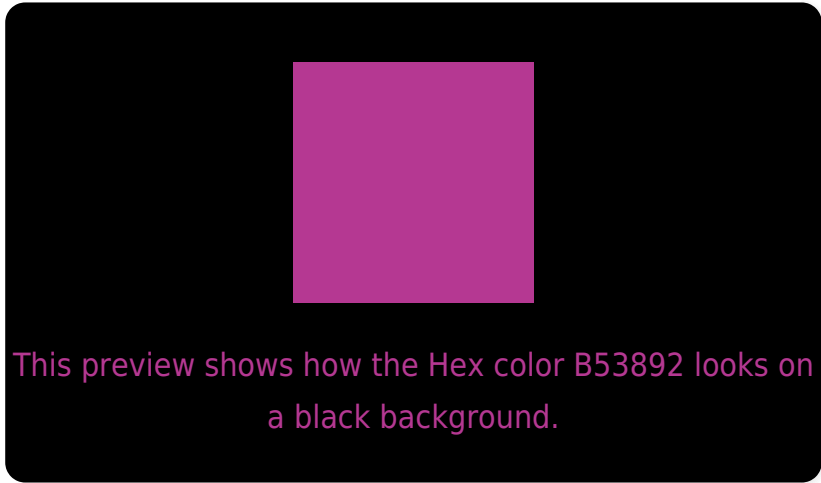
Large Text (above 18pt) WCAG AA ✓ Pass

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

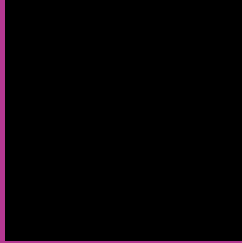
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B53892 Background



This preview shows how black text looks on a background with the Hex color B53892.



This preview shows how white text looks on a background with the Hex color B53892.

# 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



**Original Color**  
B53892

**Protanopia**  
4969BA

**Deuteranopia**  
666A8B



**Tritanopia**  
AF4B50

# Trichromacy



**Original Color**  
B53892



**Protanomaly**  
7057AB



**Deuteranomaly**  
83588E



**Tritanomaly**  
B14468

# Monochromacy



**Original Color**  
B53892



**Achromatopsia**  
686868



**Achromatomaly**  
845777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53892 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 #B53892 looks like.

```
.text, #text, p{  
    color:#B53892  
}
```

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 #B53892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53892
}
```

## Border

The CSS property to change the border of an element to Hex B53892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

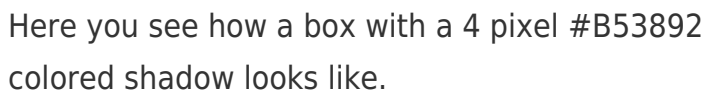
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53892 }
```

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

```
.border{ border-color:#B53892 }
```

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



Here you see how a box with a 4 pixel #B53892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53892; -webkit-box-shadow:4px 4px  
4px 4px #B53892; box-shadow:4px 4px 4px  
4px #B53892 }
```

# Background

The CSS property to change the background color of an element to Hex B53892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53892 }
```

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

```
.background{ background-color:#B53892 }
```

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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