

# Converting Colors

Hex(B76593)

Have a look what the booklet for  
Hex(B76593) contains.

|  |    |
|--|----|
| <b>Hex(B76593)</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(B76593)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B76593                     |
| RGB           | 183, 101, 147              |
| RGB Percent   | 72%, 40%, 58%              |
| CMY           | 0.2824, 0.6039, 0.4235     |
| CMYK          | 0.00, 0.45, 0.20, 0.28     |
| HSL           | 326°, 36%, 56%             |
| HSV           | 326°, 45%, 72%             |
| XYZ           | 29.4486, 21.4812, 30.1979  |
| YIQ           | 130.7620, 34.1060, 31.6900 |

# Conversions

## Conversions Part 2

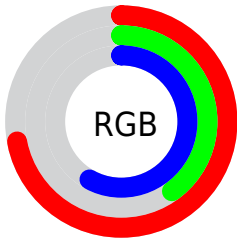
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">183, 101, 147</a>                 |
| Decimal                             | <a href="#">12019091</a>                      |
| CIELab                              | <a href="#">53.47, 38.88, -10.65</a>          |
| CIELCh                              | <a href="#">53, 40.316, 344.686</a>           |
| Yxy                                 | <a href="#">21.4812, 0.3630,<br/>0.2648</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4290209171<br/>(0xFFB76593)</a>   |
| YUV                                 | <a href="#">130.7620, 8.0053,<br/>45.8127</a> |
| Hunter-Lab                          | <a href="#">46.3478, 32.3069,<br/>-6.1869</a> |

# Details

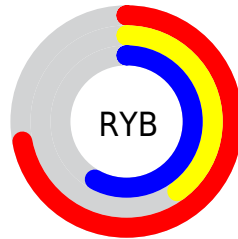
The Hex color **B76593** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **65B789**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F19AC9**, and **803260** is the 20% darker color. If you saturate the color by 10%, you get **B7538B**, and if you desaturate by 10%, it is **B7779B**.

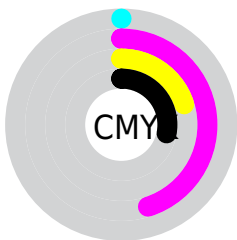
# Distribution



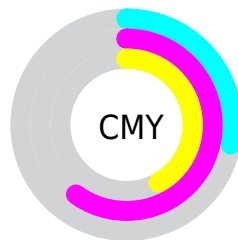
- Red (72%)
- Green (40%)
- Blue (58%)



- Red (72%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B76593 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 B76593 by changing the saturation by 10% instead.



 B76593

 B76593

FFFFFF

 9B4C79

 F19AC9

 803260

 FFB5E5

 651849

 FFD1FF

 4C0032

 FFEEFF

 34001D

 170000

 000000

 B76593

 B76593

 B7538B

 B7779B

 B74083

 B78AA3

 B72E7B

 B79CAB

 B71C73

 B7AEB3

 B7096B

 B7C1BB

 B70067

 B7D3C3

 B7E5CB

 B7F7D3

 B7FFDB

# Harmonies

## Analogous

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



9870B1



B76593



C16370

# Triad

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



B76593



84833A



008FB0

# Complementary

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



B76593



65B789

# 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.



009190



B76593



5D8C4D

# Square

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



B76593



A3783C



24906C



0088C2

# Rectangle

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



B76593



BE675A



24906C



0090A6



# Sweetspot

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



B76593



EDCEE0



8965B7



78656F



F7F7F7



787878



# Same Dimension

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



B76593



ED6DB5



B7656A



5C5358



9C0057



1C0010



# Inverse Universe

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



B76593



ED6DB5



65B7B2



5C5358



9C0057

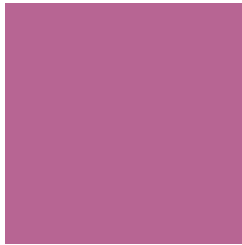


1C0010



# Previews

## White Background



This preview shows how the Hex color B76593 looks on a white background.

## Color Contrast Check

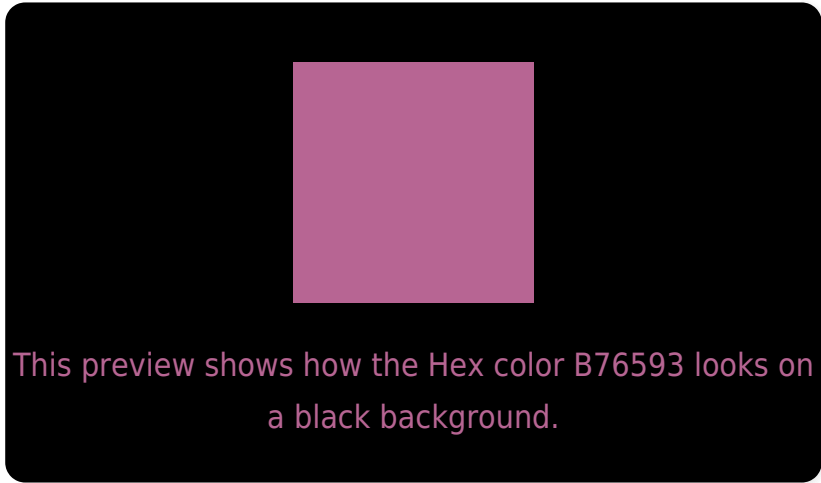
Large Text (above 18pt) WCAG AA ✓ Pass

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 B76593 Background



This preview shows how black text looks on a background with the Hex color B76593.

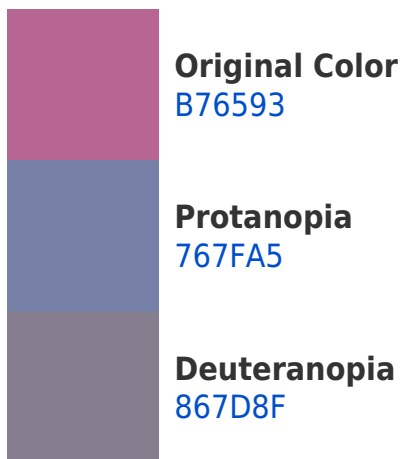



This preview shows how white text looks on a background with the Hex color B76593.

# 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**  
B46B73

# Trichromacy



**Original Color**  
B76593

**Protanomaly**  
8E769E

**Deuteranomaly**  
987490

**Tritanomaly**  
B5697F

# Monochromacy



**Original Color**  
B76593

**Achromatopsia**  
838383

**Achromatomaly**  
967889

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B76593 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 #B76593 looks like.

```
.text, #text, p{  
    color:#B76593  
}
```

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 #B76593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76593
}
```

## Border

The CSS property to change the border of an element to Hex B76593 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
#B76593 }
```

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

```
.border{ border-color:#B76593 }
```

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

Here you see how a box with a 4 pixel #B76593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76593; -webkit-box-shadow:4px 4px  
4px 4px #B76593; box-shadow:4px 4px 4px  
4px #B76593 }
```

# Background

The CSS property to change the background color of an element to Hex B76593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76593 }
```

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

```
.background{ background-color:#B76593 }
```

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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