

# Converting Colors

Hex(B72195)

Have a look what the booklet for  
Hex(B72195) contains.

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**Color**

**Hex(B72195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B72195
RGB	183, 33, 149
RGB Percent	72%, 13%, 58%
CMY	0.2824, 0.8706, 0.4157
CMYK	0.00, 0.82, 0.19, 0.28
HSL	314°, 69%, 42%
HSV	314°, 82%, 72%
XYZ	25.4971, 13.3249, 29.6619
YIQ	91.0740, 52.1640, 67.8760

# Conversions

## Conversions Part 2

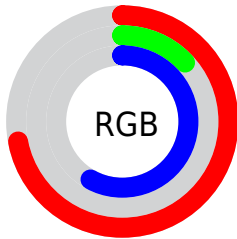
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 33, 149
Decimal	12001685
CIE <sub>Lab</sub>	43.25, 67.09, -27.50
CIE <sub>LCh</sub>	43, 72.503, 337.712
Yxy	13.3249, 0.3723, 0.1946
Android (android.graphics.Color)	4290191765 (0xFFB72195)
YUV	91.0740, 28.5575, 80.6191
Hunter-Lab	36.5033, 60.7992, -22.6256

# Details

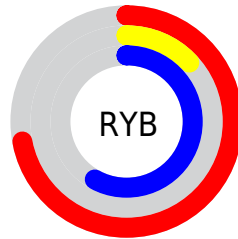
The Hex color **B72195** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21B743**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F261CB**, and **7E0062** is the 20% darker color. If you saturate the color by 10%, you get **B70F91**, and if you desaturate by 10%, it is **B73399**.

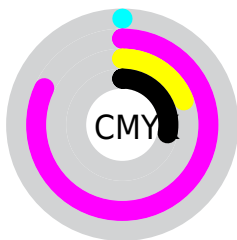
# Distribution



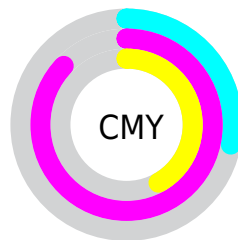
- Red (72%)
- Green (13%)
- Blue (58%)



- Red (72%)
- Yellow (13%)
- Blue (58%)



- Cyan (0%)
- Magenta (82%)
- Yellow (19%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B72195 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 B72195 by changing the saturation by 10% instead.



 B72195

 B72195

FFFFFF

 9A007B

 F261CB

 7E0062

 FF7EE8

 61004A

 FF9BFF

 470033

 FFB8FF

 2B001D

 FFD5FF

 000000

 FFF2FF

 B72195

 B72195

 B70F91

 B73399

 B7008E

 B7469D

 B758A1

 B76AA6

 B77DAA

 B78FAE

 B7A1B2

 B7B3B6

 B7C6BA

# Harmonies

## Analogous

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



774DC7



B72195



CC005A

# Triad

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



B72195



6F6900



007FAF

# Complementary

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



B72195



21B743

# 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.



007F75



B72195



277600

# Square

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



B72195



A05200



007C35



0079D6

# Rectangle

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



B72195



C81C33



007C35



007F9D



# Sweetspot

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



B72195



EDB2E0



4221B7



785470



F7F7F7



787878



# Same Dimension

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



B72195



ED05B8



B7214B



5C535A



9C0078



1C0016



# Inverse Universe

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



B72195



ED05B8



21B78D



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color B72195 looks on a white background.

## Color Contrast Check

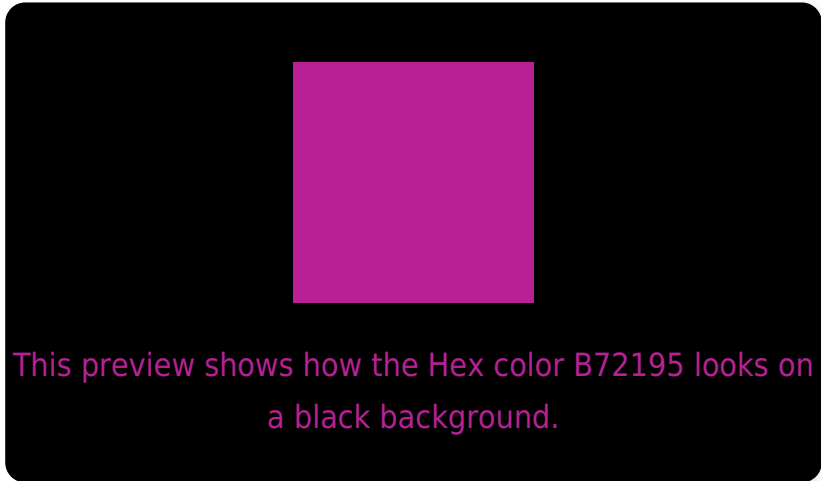
Large Text (above 18pt) WCAG AA ✓ Pass

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 B72195 Background



This preview shows how black text looks on a background with the Hex color B72195.

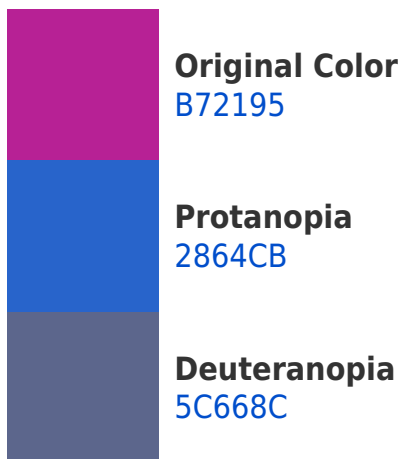


This preview shows how white text looks on a background with the Hex color B72195.

# 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**  
B72195



**Protanomaly**  
5C4CB7



**Deuteranomaly**  
7D4D8F



**Tritanomaly**  
B33562

# Monochromacy



**Original Color**  
B72195



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
7C4670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B72195 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 #B72195 looks like.

```
.text, #text, p{  
    color:#B72195  
}
```

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 #B72195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72195
}
```

## Border

The CSS property to change the border of an element to Hex B72195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

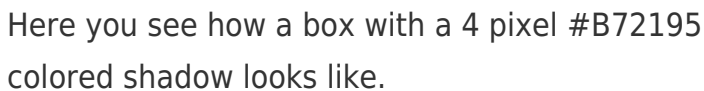
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B72195 }
```

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

```
.border{ border-color:#B72195 }
```

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



Here you see how a box with a 4 pixel #B72195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72195; -webkit-box-shadow:4px 4px  
4px 4px #B72195; box-shadow:4px 4px 4px  
4px #B72195 }
```

# Background

The CSS property to change the background color of an element to Hex B72195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72195 }
```

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

```
.background{ background-color:#B72195 }
```

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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