

# Converting Colors

Hex(B22894)

Have a look what the booklet for  
Hex(B22894) contains.

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**Color**

**Hex(B22894)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B22894
RGB	178, 40, 148
RGB Percent	70%, 16%, 58%
CMY	0.3020, 0.8431, 0.4196
CMYK	0.00, 0.78, 0.17, 0.30
HSL	313°, 63%, 43%
HSV	313°, 78%, 70%
XYZ	24.4642, 13.1207, 29.2601
YIQ	93.5740, 47.5800, 62.8440

# Conversions

## Conversions Part 2

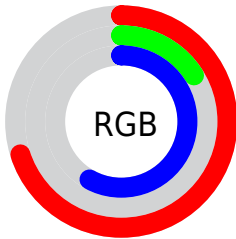
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 40, 148
Decimal	11675796
CIE Lab	42.94, 63.98, -27.43
CIE LCh	43, 69.616, 336.791
Yxy	13.1207, 0.3660, 0.1963
Android (android.graphics.Color)	4289865876 (0xFFB22894)
YUV	93.5740, 26.8320, 74.0416
Hunter-Lab	36.2225, 57.1672, -22.5381

# Details

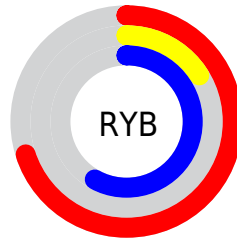
The Hex color **B22894** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **28B246**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **ED65CA**, and **790061** is the 20% darker color. If you saturate the color by 10%, you get **B21690**, and if you desaturate by 10%, it is **B23A98**.

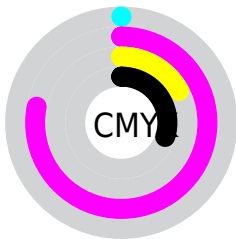
# Distribution



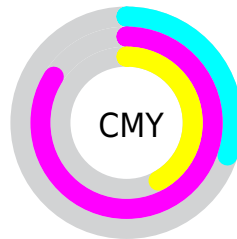
- Red (70%)
- Green (16%)
- Blue (58%)



- Red (70%)
- Yellow (16%)
- Blue (58%)



- Cyan (0%)
- Magenta (78%)
- Yellow (17%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B22894 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 B22894 by changing the saturation by 10% instead.



 B22894

 B22894

FFFFFF

 95007A

 ED65CA

 790061

 FF81E7

 5D0049

 FF9DFF

 430032

 FFBAFF

 28001C

 FFD7FF

 000000

 FFF5FF

 B22894

 B22894

 B21690

 B23A98

 B2048C

 B24C9C

 B2008B

 B25DA0

 B26FA3

 B281A7

 B293AB

 B2A5AF

 B2B6B3

 B2C8B7

# Harmonies

## Analogous

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



734FC3



B22894



C8075B

# Triad

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



B22894



706700



007DAA

# Complementary

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



B22894



28B246

# 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.



007E71



B22894



2E7400

# Square

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



B22894



9F5100



007B34



0077D0

# Rectangle

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



B22894



C42136



007B34



007E98



# Sweetspot

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



B22894



E8B3DC



4628B2



75546E



F5F5F5



757575



# Same Dimension

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



B22894



E810B9



B2284F



595057



990078



1A0014



# Inverse Universe

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



B22894



E810B9



28B28B



595057



990078



1A0014



# Previews

## White Background



This preview shows how the Hex color B22894 looks on a white background.

## Color Contrast Check

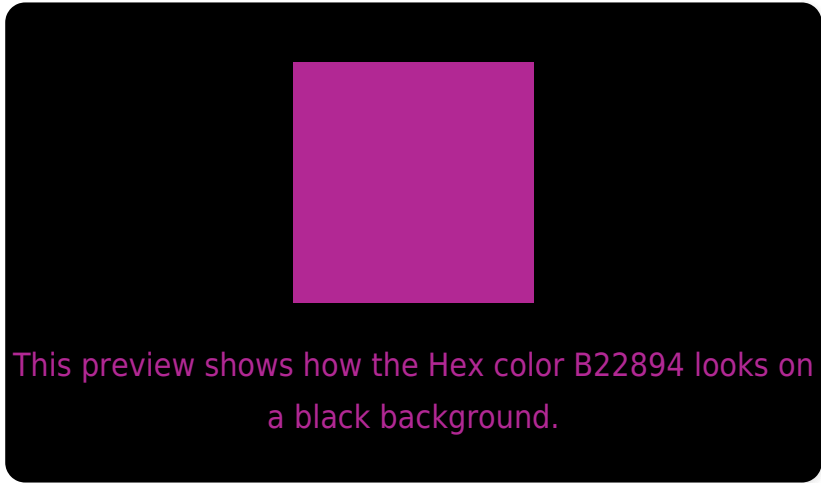
Large Text (above 18pt) WCAG AA ✓ Pass

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

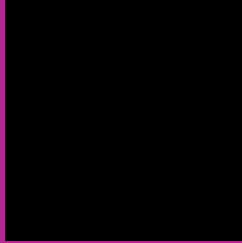
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B22894 Background



This preview shows how black text looks on a background with the Hex color B22894.



This preview shows how white text looks on a background with the Hex color B22894.

# Color Blindness Simulation

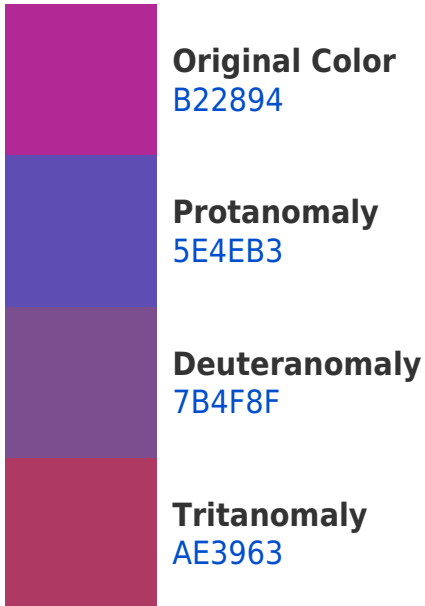
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

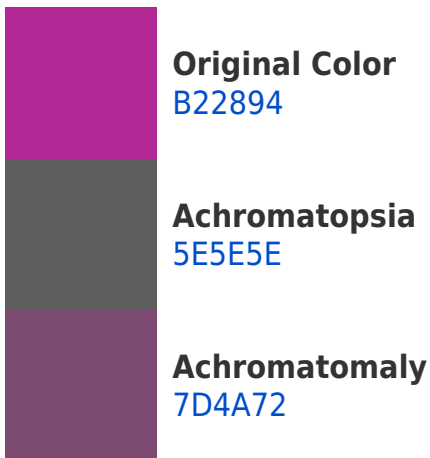




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B22894 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 #B22894 looks like.

```
.text, #text, p{  
    color:#B22894  
}
```

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 #B22894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22894
}
```

## Border

The CSS property to change the border of an element to Hex B22894 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
#B22894 }
```

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

```
.border{ border-color:#B22894 }
```

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

Here you see how a box with a 4 pixel #B22894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22894; -webkit-box-shadow:4px 4px  
4px 4px #B22894; box-shadow:4px 4px 4px  
4px #B22894 }
```

# Background

The CSS property to change the background color of an element to Hex B22894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22894 }
```

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

```
.background{ background-color:#B22894 }
```

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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