

# Converting Colors

Hex(C23BC9)

Have a look what the booklet for  
Hex(C23BC9) contains.

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# Color

Hex(C23BC9)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C23BC9                     |
| RGB         | 194, 59, 201               |
| RGB Percent | 76%, 23%, 79%              |
| CMY         | 0.2392, 0.7686, 0.2118     |
| CMYK        | 0.03, 0.71, 0.00, 0.21     |
| HSL         | 297°, 57%, 51%             |
| HSV         | 297°, 71%, 79%             |
| XYZ         | 34.3547, 18.8143, 57.0792  |
| YIQ         | 115.5530, 34.8780, 72.7820 |

# Conversions

## Conversions Part 2

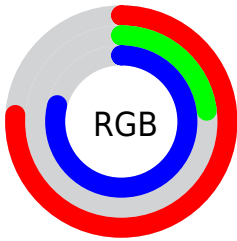
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">194, 59, 201</a>                   |
| Decimal                             | <a href="#">12729289</a>                       |
| CIELab                              | <a href="#">50.47, 69.66, -46.66</a>           |
| CIELCh                              | <a href="#">50, 83.844, 326.184</a>            |
| Yxy                                 | <a href="#">18.8143, 0.3116,<br/>0.1707</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290919369<br/>(0xFFC23BC9)</a>    |
| YUV                                 | <a href="#">115.5530, 42.1254,<br/>68.7980</a> |
| Hunter-Lab                          | <a href="#">43.3755, 65.4705,<br/>-47.6588</a> |

# Details

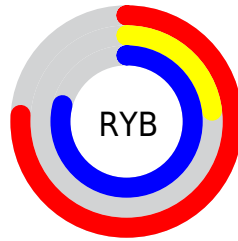
The Hex color **C23BC9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42C93B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FE76FF**, and **880092** is the 20% darker color. If you saturate the color by 10%, you get **C127C9**, and if you desaturate by 10%, it is **C34FC9**.

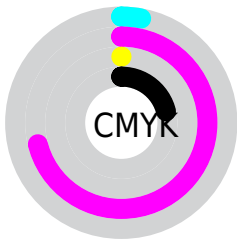
# Distribution



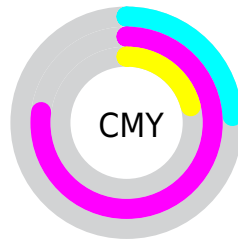
- Red (76%)
- Green (23%)
- Blue (79%)



- Red (76%)
- Yellow (23%)
- Blue (79%)



- Cyan (3%)
- Magenta (71%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (77%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C23BC9 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 C23BC9 by changing the saturation by 10% instead.



 C23BC9

 C23BC9

FFFFFF

 A514AD

 FE76FF

 880092

 FF93FF

 6C0078

 FFAFFF

 51005F

 FFCDFD

 380046

 FFEAFF

 19002F

 000119

 000000

 C23BC9

 C23BC9

 C127C9

 C34FC9

 C013C9

 C463C9

 BF00C9

 C577C9

 C68BC9

 C7A0C9

 C8B4C9

 C9C8C9

 CADCC9

 CBF0C9

# Harmonies

## Analogous

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



5069FA



C23BC9



EC0085

# Triad

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



C23BC9



9A7200



0096B6

# Complementary

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



C23BC9



42C93B

# 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.



00956D



C23BC9



548600

# Square

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



C23BC9



CE5000



00901B



0092F0

# Rectangle

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



C23BC9



F10055



00901B



00969E



# Sweetspot

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



C23BC9



FCC9FF



3B42C9



7E6080



000000



808080



# Same Dimension

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



C23BC9



F426FF



C93B89



635A63



9B00A3



220024



# Inverse Universe

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



C93B42



FF2631



3BC97B



635A5A



A30008



240002



# Previews

## White Background



This preview shows how the Hex color C23BC9 looks on a white background.

## Color Contrast Check

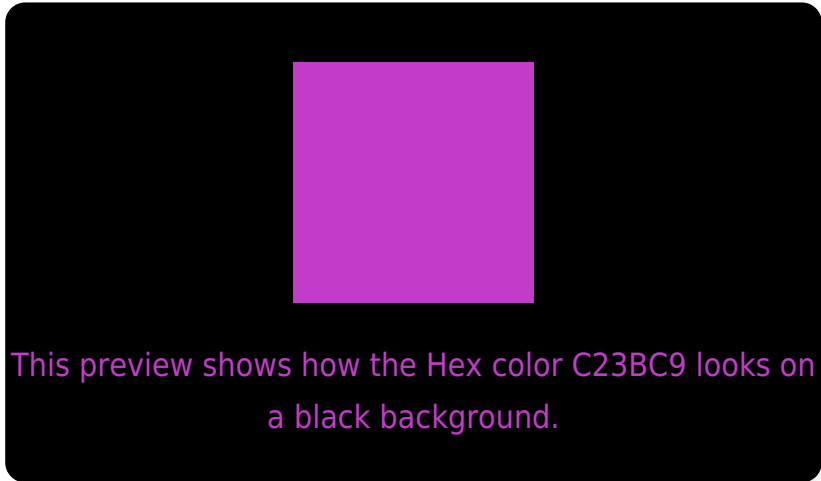
Large Text (above 18pt) WCAG AA ✓ Pass

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

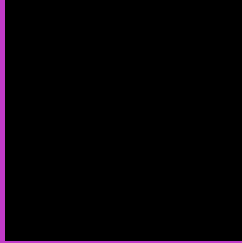
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C23BC9 Background



This preview shows how black text looks on a background with the Hex color C23BC9.

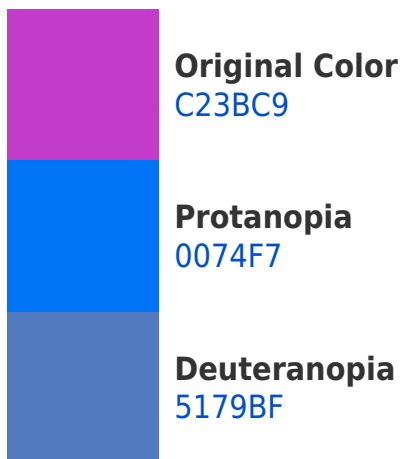



This preview shows how white text looks on a background with the Hex color C23BC9.

# 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



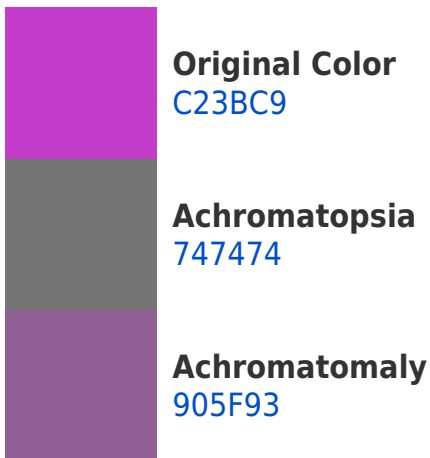


**Tritanopia**  
B65D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C23BC9 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 #C23BC9 looks like.

```
.text, #text, p{  
    color:#C23BC9  
}
```

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 #C23BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23BC9
}
```

## Border

The CSS property to change the border of an element to Hex C23BC9 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
#C23BC9 }
```

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

```
.border{ border-color:#C23BC9 }
```

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

Here you see how a box with a 4 pixel #C23BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23BC9; -webkit-box-shadow:4px 4px  
4px 4px #C23BC9; box-shadow:4px 4px 4px  
4px #C23BC9 }
```

# Background

The CSS property to change the background color of an element to Hex C23BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23BC9 }
```

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

```
.background{ background-color:#C23BC9 }
```

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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