

Converting Colors

Hex(B23FA9)

Have a look what the booklet for
Hex(B23FA9) contains.

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Color

Hex(B23FA9)

Conversions

Conversions Part 1

Format	Color
Hex	B23FA9
RGB	178, 63, 169
RGB Percent	70%, 25%, 66%
CMY	0.3020, 0.7529, 0.3373
CMYK	0.00, 0.65, 0.05, 0.30
HSL	305°, 48%, 47%
HSV	305°, 65%, 70%
XYZ	27.2990, 15.8846, 39.1633
YIQ	109.4690, 34.5140, 57.3460

Conversions

Conversions Part 2

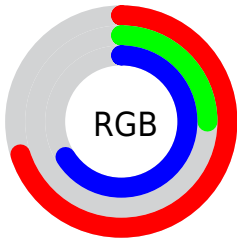
Format	Color
R_{YB}	178, 63, 169
Decimal	11681705
CIE _{Lab}	46.82, 59.11, -33.92
CIE _{LCh}	47, 68.147, 330.150
Yxy	15.8846, 0.3315, 0.1929
Android (android.graphics.Color)	4289871785 (0xFFB23FA9)
YUV	109.4690, 29.3488, 60.1017
Hunter-Lab	39.8554, 52.5168, -30.3616

Details

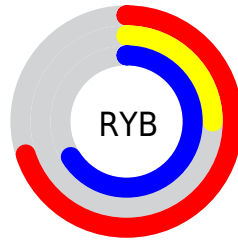
The Hex color **B23FA9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3FB248**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EC77E1**, and **7A0074** is the 20% darker color. If you saturate the color by 10%, you get **B22DA8**, and if you desaturate by 10%, it is **B251AA**.

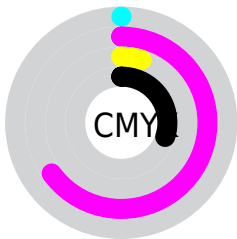
Distribution



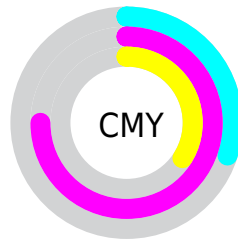
- Red (70%)
- Green (25%)
- Blue (66%)



- Red (70%)
- Yellow (25%)
- Blue (66%)



- Cyan (0%)
- Magenta (65%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (75%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23FA9 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 B23FA9 by changing the saturation by 10% instead.

 B23FA9

 B23FA9

FFFFFF

 96208E

 EC77E1

 7A0074

 FF92FD

 5F005B

 FFAEFF

 440043

 FFCBFF

 2C002D

 FFE8FF

 000017

 000000

 B23FA9

 B23FA9

 B22DA8

 B251AA

 B21BA6

 B263AC

 B20AA5

 B274AD

 B200A4

 B286AF

 B298B0

 B2AAB1

 B2BCB3

 B2CDB4

 B2DFB6

Harmonies

Analogous

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



685FD3



B23FA9



D02571

Triad

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



B23FA9



866D00



0088A7

Complementary

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



B23FA9



3FB248

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.



00876E



B23FA9



4D7C00

Square

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



B23FA9



B25500



008431



0083D3

Rectangle

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



B23FA9



D12C4C



008431



008895

Sweetspot

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



B23FA9



E8BCE5



473FB2



755A73



F5F5F5



757575

Same Dimension

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



B23FA9



E833DA



B23F71



595059



99008D



1A0018

Inverse Universe

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



B23FA9



E833DA



3FB280



595059



99008D



1A0018

Previews

White Background



This preview shows how the Hex color B23FA9 looks on a white background.

Color Contrast Check

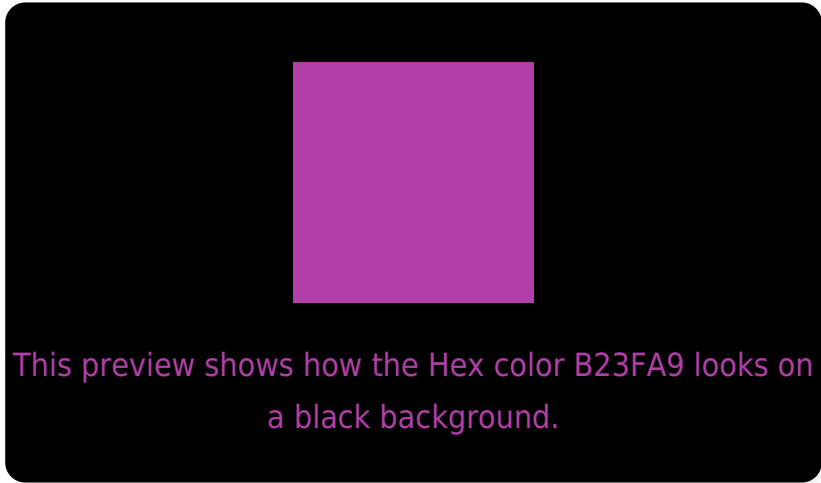
Large Text (above 18pt) WCAG AA ✓ Pass

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

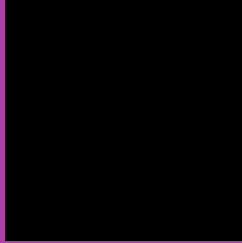
Any Text WCAG AA × Fail

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 B23FA9 Background



This preview shows how black text looks on a background with the Hex color B23FA9.

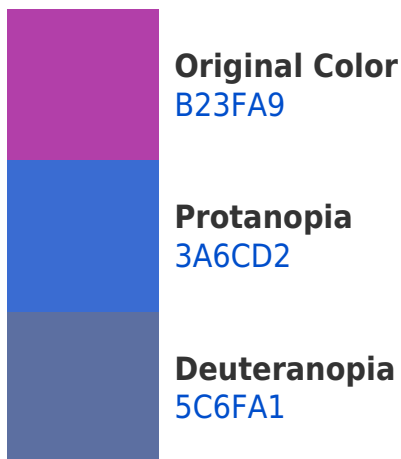


This preview shows how white text looks on a background with the Hex color B23FA9.

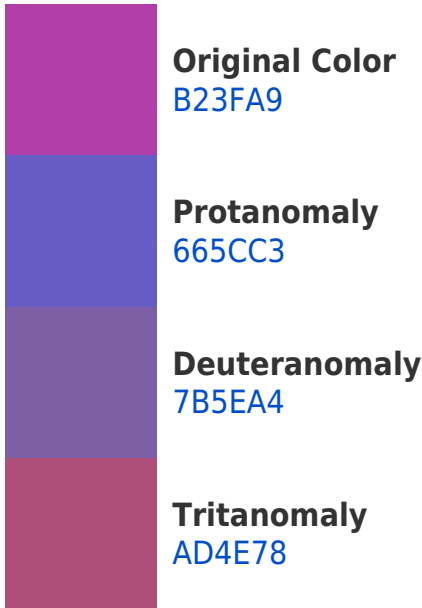
Color Blindness Simulation

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](#).

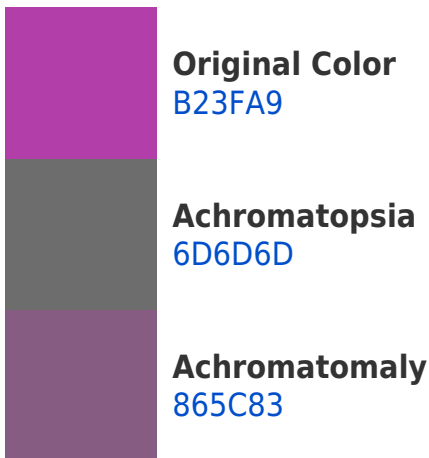
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B23FA9 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 #B23FA9 looks like.

```
.text, #text, p{  
    color:#B23FA9  
}
```

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 #B23FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23FA9
}
```

Border

The CSS property to change the border of an element to Hex B23FA9 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
#B23FA9 }
```

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

```
.border{ border-color:#B23FA9 }
```

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

Here you see how a box with a 4 pixel #B23FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23FA9; -webkit-box-shadow:4px 4px  
4px 4px #B23FA9; box-shadow:4px 4px 4px  
4px #B23FA9 }
```

Background

The CSS property to change the background color of an element to Hex B23FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23FA9 }
```

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

```
.background{ background-color:#B23FA9 }
```

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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