

Converting Colors

Hex(A23BB0)

Have a look what the booklet for
Hex(A23BB0) contains.

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Color

Hex(A23BB0)

Conversions

Conversions Part 1

Format	Color
Hex	A23BB0
RGB	162, 59, 176
RGB Percent	64%, 23%, 69%
CMY	0.3647, 0.7686, 0.3098
CMYK	0.08, 0.66, 0.00, 0.31
HSL	293°, 50%, 46%
HSV	293°, 66%, 69%
XYZ	24.3007, 13.9439, 42.4849
YIQ	103.1350, 23.8310, 58.2230

Conversions

Conversions Part 2

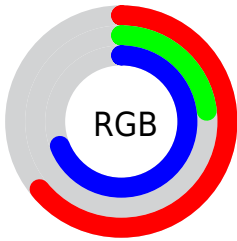
Format	Color
R_{YB}	162, 59, 176
Decimal	10632112
CIE _{Lab}	44.15, 58.07, -42.44
CIE _{LCh}	44, 71.920, 323.840
Yxy	13.9439, 0.3010, 0.1727
Android (android.graphics.Color)	4288822192 (0xFFA23BB0)
YUV	103.1350, 35.9224, 51.6246
Hunter-Lab	37.3415, 50.8147, -41.3175

Details

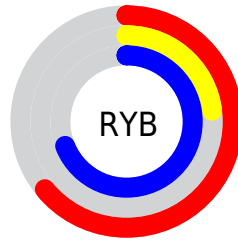
The Hex color **A23BB0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49B03B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **DC72E8**, and **6B007B** is the 20% darker color. If you saturate the color by 10%, you get **A029B0**, and if you desaturate by 10%, it is **A44DB0**.

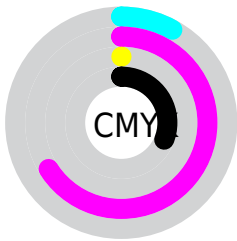
Distribution



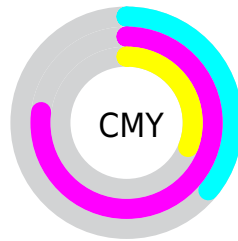
- Red (64%)
- Green (23%)
- Blue (69%)



- Red (64%)
- Yellow (23%)
- Blue (69%)



- Cyan (8%)
- Magenta (66%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (77%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color A23BB0 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 A23BB0 by changing the saturation by 10% instead.

 A23BB0

 A23BB0

FFFFFF

 861C95

 DC72E8

 6B007B

 F98DFF

 500061

 FFA9FF

 360049

 FFC6FF

 1C0032

 FFE3FF

 00011B

 000000

 A23BB0

 A23BB0

 A029B0

 A44DB0

 9E18B0

 A65EB0

 9C06B0

 A870B0

 9B00B0

 AA81B0

 AD93B0

 AFA5B0

 B1B6B0

 B3C8B0

 B5D9B0

Harmonies

Analogous

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



3D5ED7



A23BB0



C90977

Triad

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



A23BB0



8A6200



008297

Complementary

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



A23BB0



49B03B

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.



00815A



A23BB0



517300

Square

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



A23BB0



B44500



007C16



007EC9

Rectangle

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



A23BB0



CE0950



007C16



008283

Sweetspot

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



A23BB0



E0B8E6



3B4BB0



6F5773



F2F2F2



737373

Same Dimension

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



A23BB0



D02EE6



B03B85



585059



870099



16001A

Inverse Universe

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



B03B49



E62E44



3BB066



595051



990012



1A0003

Previews

White Background



This preview shows how the Hex color A23BB0 looks on a white background.

Color Contrast Check

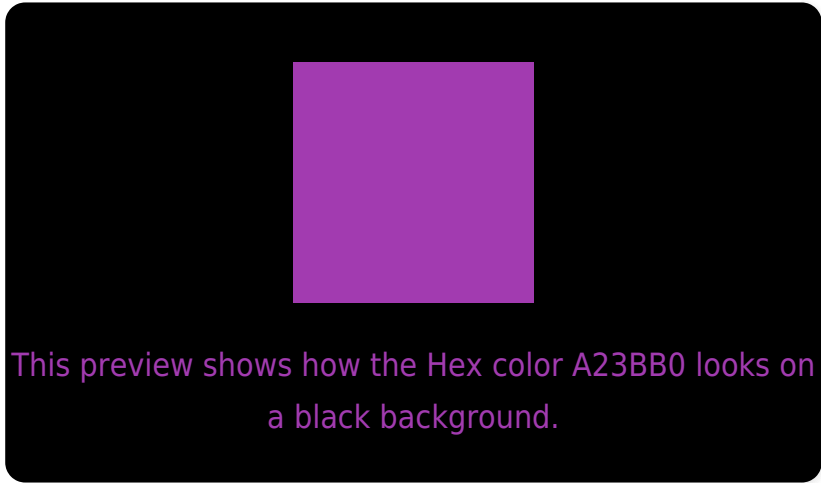
Large Text (above 18pt) WCAG AA ✓ Pass

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

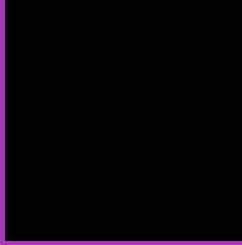
Any Text WCAG AA × Fail

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 A23BB0 Background



This preview shows how black text looks on a background with the Hex color A23BB0.




This preview shows how white text looks on a background with the Hex color A23BB0.

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](#).

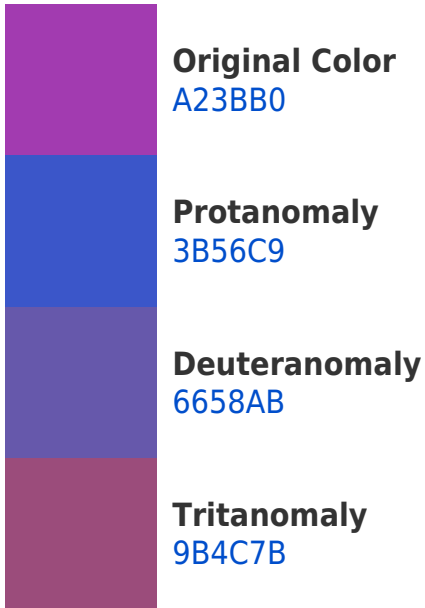
Dichromacy



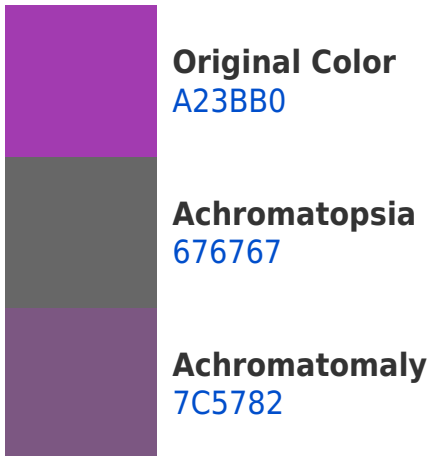


Tritanopia
97555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A23BB0 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 #A23BB0 looks like.

```
.text, #text, p{  
    color:#A23BB0  
}
```

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 #A23BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A23BB0
}
```

Border

The CSS property to change the border of an element to Hex A23BB0 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".

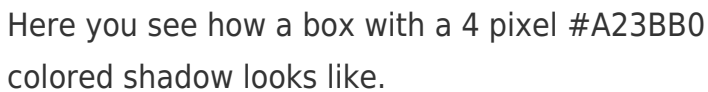
```
.border, #border, table{ border:4px solid
#A23BB0 }
```

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

```
.border{ border-color:#A23BB0 }
```

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

Here you see how a box with a 4 pixel #A23BB0 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A23BB0; -webkit-box-shadow:4px 4px  
4px 4px #A23BB0; box-shadow:4px 4px 4px  
4px #A23BB0 }
```

Background

The CSS property to change the background color of an element to Hex A23BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A23BB0 }
```

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

```
.background{ background-color:#A23BB0 }
```

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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