

Converting Colors

Hex(A23BEC)

Have a look what the booklet for
Hex(A23BEC) contains.

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Color

Hex(A23BEC)

Conversions

Conversions Part 1

Format	Color
Hex	A23BEC
RGB	162, 59, 236
RGB Percent	64%, 23%, 93%
CMY	0.3647, 0.7686, 0.0745
CMYK	0.31, 0.75, 0.00, 0.07
HSL	275°, 82%, 58%
HSV	275°, 75%, 93%
XYZ	31.6046, 16.8654, 80.9465
YIQ	109.9750, 4.5710, 76.8830

Conversions

Conversions Part 2

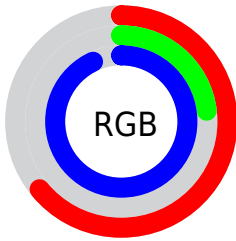
Format	Color
RYB	162, 59, 236
Decimal	10632172
CIELab	48.09, 70.15, -70.68
CIELCh	48, 99.580, 314.783
Yxy	16.8654, 0.2442, 0.1303
Android (android.graphics.Color)	4288822252 (0xFFA23BEC)
YUV	109.9750, 62.1303, 45.6259
Hunter-Lab	41.0676, 65.5010, -88.1167

Details

The Hex color **A23BEC** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **85EC3B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DE74FF**, and **6700B3** is the 20% darker color. If you saturate the color by 10%, you get **9823EC**, and if you desaturate by 10%, it is **AC53EC**.

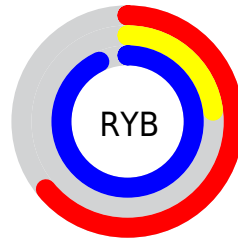
Distribution



Red (64%)

Green (23%)

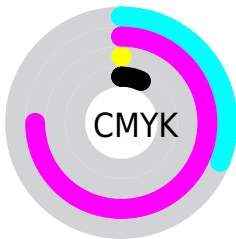
Blue (93%)



Red (64%)

Yellow (23%)

Blue (93%)

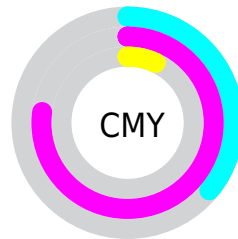


Cyan (31%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (36%)

Magenta (77%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A23BEC 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 A23BEC by changing the saturation by 10% instead.

 A23BEC

 A23BEC

FFFFFF

 8419CF

 DE74FF

 6700B3

 FC90FF

 490097

 FFACFF

 27007D

 FFC9FF

 000063

 FFE6FF

 00004A

 000432

 00021C

 000000

 A23BEC

 A23BEC

 9823EC

 AC53EC

 8E0CEC

 B66AEC

 8900EC

 C082EC

 C999EC

 D3B1EC

 DDC9EC

 E7E0EC

 F1F8EC

 FBFFEC

Harmonies

Analogous

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



0071FF



A23BEC



EC00A1

Triad

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



A23BEC



AE5E00



00929B

Complementary

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



A23BEC



85EC3B

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.



008F42



A23BEC



657C00

Square

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



A23BEC



E31800



008A00



0092E9

Rectangle

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



A23BEC



FC0069



008A00



00917E

Sweetspot

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



A23BEC



E6C4FF



3B88EC



715C80



000000



808080

Same Dimension

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



A23BEC



9F19FF



EC3BE0



706A75



6900B5



1F0036

Inverse Universe

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



EC3B85



FF1979



3BEC47



756A6E



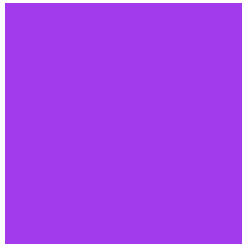
B5004C



360016

Previews

White Background



This preview shows how the Hex color A23BEC looks on a white background.

Color Contrast Check

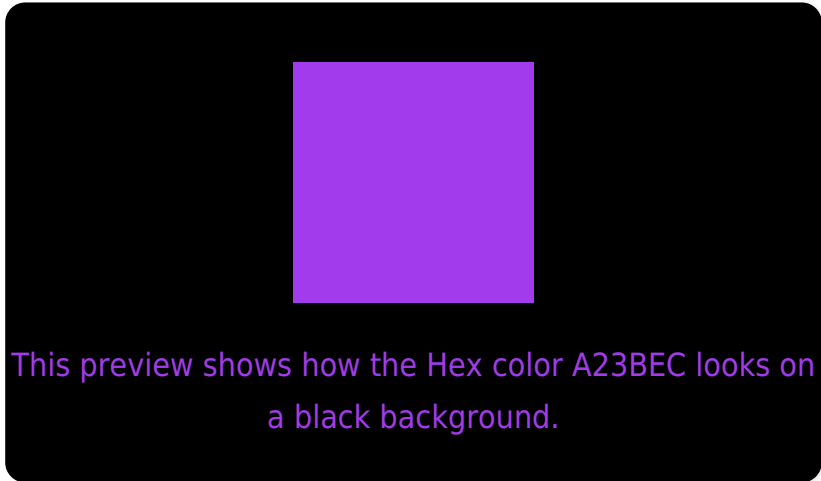
Large Text (above 18pt) WCAG AA ✓ Pass

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 A23BEC Background



This preview shows how black text looks on a background with the Hex color A23BEC.

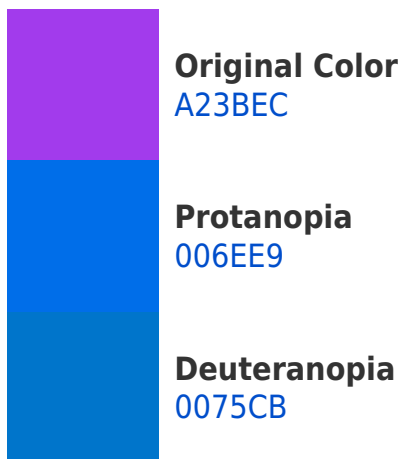



This preview shows how white text looks on a background with the Hex color A23BEC.

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](#).

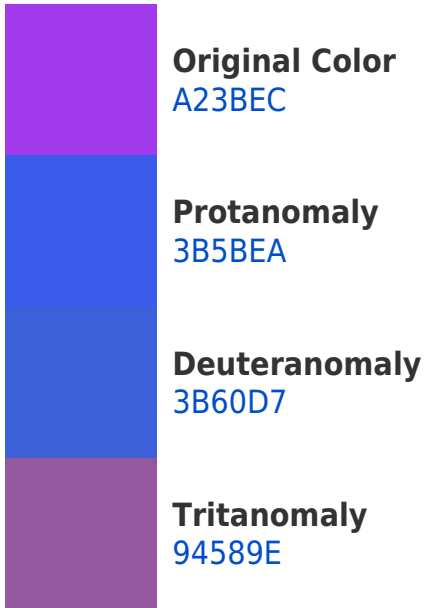
Dichromacy





Tritanopia
8C6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A23BEC 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 #A23BEC looks like.

```
.text, #text, p{  
    color:#A23BEC  
}
```

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 #A23BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A23BEC
}
```

Border

The CSS property to change the border of an element to Hex A23BEC 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".

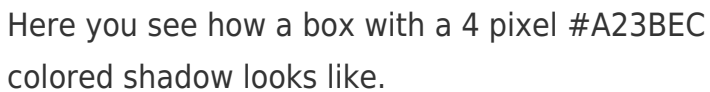
```
.border, #border, table{ border:4px solid
#A23BEC }
```

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

```
.border{ border-color:#A23BEC }
```

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

Here you see how a box with a 4 pixel #A23BEC 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 #A23BEC; -webkit-box-shadow:4px 4px  
4px 4px #A23BEC; box-shadow:4px 4px 4px  
4px #A23BEC }
```

Background

The CSS property to change the background color of an element to Hex A23BEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A23BEC }
```

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

```
.background{ background-color:#A23BEC }
```

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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