

Converting Colors

Hex(B13AAC)

Have a look what the booklet for
Hex(B13AAC) contains.

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Color

Hex(B13AAC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B13AAC |
| RGB | 177, 58, 172 |
| RGB Percent | 69%, 23%, 67% |
| CMY | 0.3059, 0.7725, 0.3255 |
| CMYK | 0.00, 0.67, 0.03, 0.31 |
| HSL | 303°, 51%, 46% |
| HSV | 303°, 67%, 69% |
| XYZ | 27.0909, 15.3518, 40.5651 |
| YIQ | 106.5770, 34.3300, 60.6820 |

Conversions

Conversions Part 2

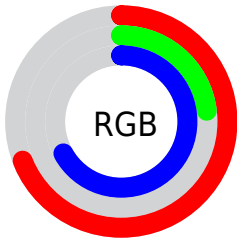
| Format | Color |
|-------------------------------------|---|
| RYB | 177, 58, 172 |
| Decimal | 11614892 |
| CIELab | 46.11, 61.33, -36.82 |
| CIElCh | 46, 71.532, 329.019 |
| Yxy | 15.3518, 0.3264, 0.1849 |
| Android (android.graphics.Color) | 4289804972 (0xFFB13AAC) |
| YUV | 106.5770, 32.2535, 61.7610 |
| Hunter-Lab | 39.1813, 54.8518, -33.9569 |

Details

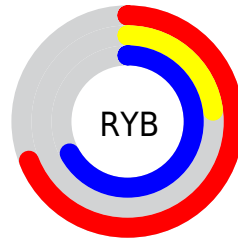
The Hex color **B13AAC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3AB13F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EB72E4**, and **790077** is the 20% darker color. If you saturate the color by 10%, you get **B128AB**, and if you desaturate by 10%, it is **B14CAD**.

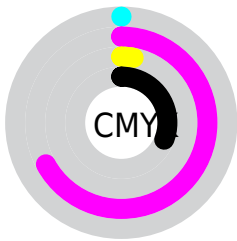
Distribution



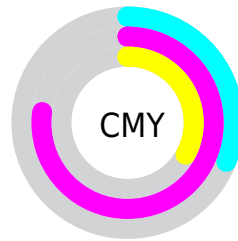
- Red (69%)
- Green (23%)
- Blue (67%)



- Red (69%)
- Yellow (23%)
- Blue (67%)



- Cyan (0%)
- Magenta (67%)
- Yellow (3%)
- Black (31%)




- Cyan (31%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13AAC 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 B13AAC by changing the saturation by 10% instead.

 B13AAC

 B13AAC

FFFFFF

 951891

 EB72E4

 790077

 FF8EFF

 5D005E

 FFABFF

 430046

 FFC7FF

 2A002F

 FFE4FF

 000019

 000000

 B13AAC

 B13AAC

 B128AB

 B14CAD

 B117AB

 B15DAD

 B105AA

 B16FAE

 B100AA

 B181AF

 B193B0

 B1A4B0

 B1B6B1

 B1C8B2

 B1D9B3

Harmonies

Analogous

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



5F5ED7



B13AAC



D11572

Triad

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



B13AAC



876A00



0087A6

Complementary

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



B13AAC



3AB13F

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.



008669



B13AAC



4B7A00

Square

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



B13AAC



B35000



008329



0082D4

Rectangle

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



B13AAC



D31F4A



008329



008793

Sweetspot

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



B13AAC



E6B8E4



3E3AB1



735772



F2F2F2



737373

Same Dimension

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



B13AAC



E62CDE



B13A72



595059



990093



1A0018

Inverse Universe

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



B13AAC



E62CDE



3AB179



595059



990093



1A0018

Previews

White Background



This preview shows how the Hex color B13AAC looks on a white background.

Color Contrast Check

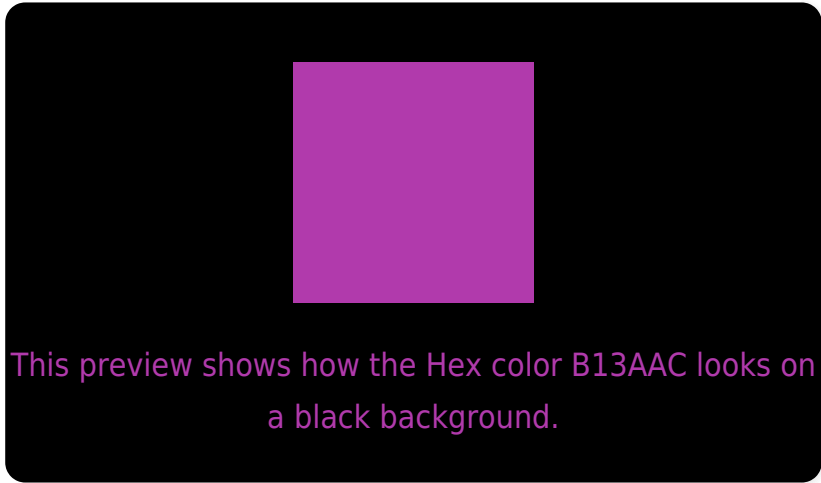
Large Text (above 18pt) WCAG AA ✓ Pass

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

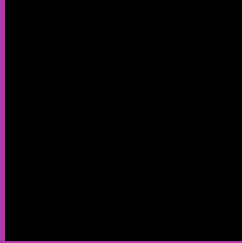
Any Text WCAG AA × Fail

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 B13AAC Background



This preview shows how black text looks on a background with the Hex color B13AAC.

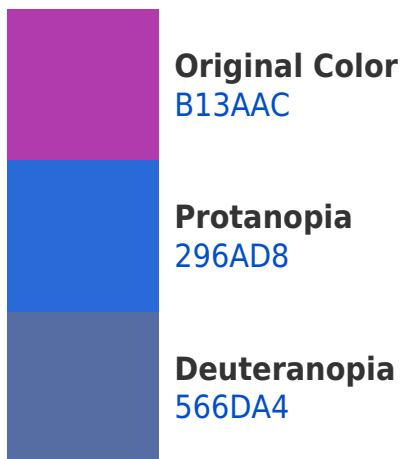



This preview shows how white text looks on a background with the Hex color B13AAC.

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](#).

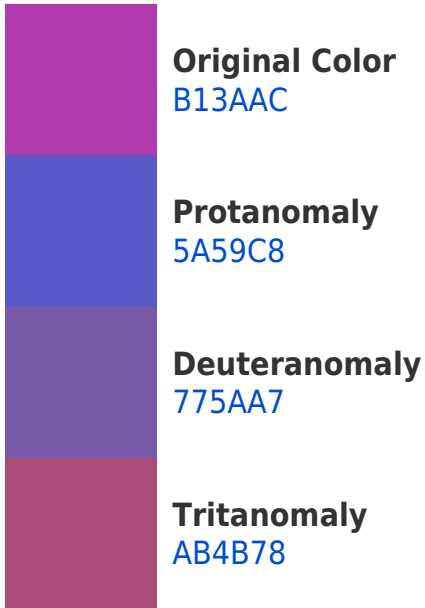
Dichromacy



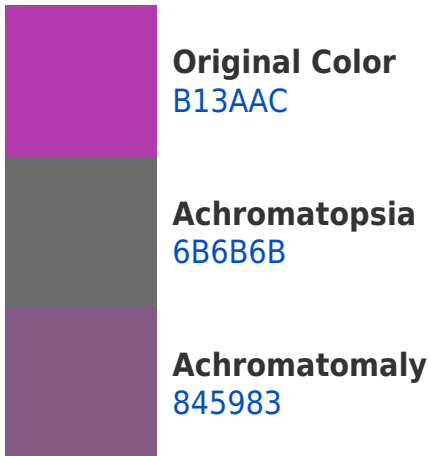


Tritanopia
A8545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B13AAC 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 #B13AAC looks like.

```
.text, #text, p{  
  color:#B13AAC  
}
```

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 #B13AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13AAC
}
```

Border

The CSS property to change the border of an element to Hex B13AAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

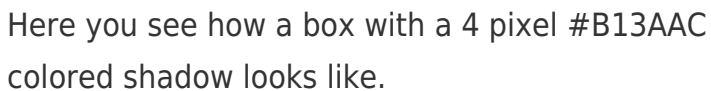
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B13AAC }
```

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

```
.border{ border-color:#B13AAC }
```

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



Here you see how a box with a 4 pixel #B13AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13AAC; -webkit-box-shadow:4px 4px  
4px 4px #B13AAC; box-shadow:4px 4px 4px  
4px #B13AAC }
```

Background

The CSS property to change the background color of an element to Hex B13AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13AAC }
```

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

```
.background{ background-color:#B13AAC }
```

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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