

Converting Colors

Hex(B137AB)

Have a look what the booklet for
Hex(B137AB) contains.

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Color

Hex(B137AB)

Conversions

Conversions Part 1

Format	Color
Hex	B137AB
RGB	177, 55, 171
RGB Percent	69%, 22%, 67%
CMY	0.3059, 0.7843, 0.3294
CMYK	0.00, 0.69, 0.03, 0.31
HSL	303°, 53%, 45%
HSV	303°, 69%, 69%
XYZ	26.8483, 15.0198, 40.0121
YIQ	104.7020, 35.4760, 61.9400

Conversions

Conversions Part 2

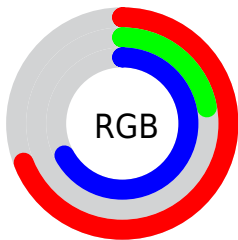
Format	Color
R_{YB}	177, 55, 171
Decimal	11614123
CIE _{Lab}	45.66, 62.29, -36.94
CIE _{LCh}	46, 72.417, 329.328
Yxy	15.0198, 0.3279, 0.1834
Android (android.graphics.Color)	4289804203 (0xFFB137AB)
YUV	104.7020, 32.6849, 63.4053
Hunter-Lab	38.7553, 55.8367, -34.0840

Details

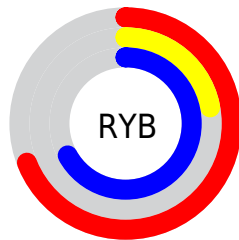
The Hex color **B137AB** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **37B13D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EB70E3**, and **790076** is the 20% darker color. If you saturate the color by 10%, you get **B125AA**, and if you desaturate by 10%, it is **B149AC**.

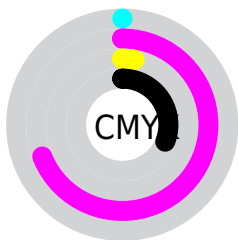
Distribution



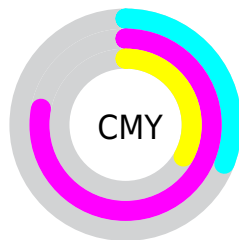
- Red (69%)
- Green (22%)
- Blue (67%)



- Red (69%)
- Yellow (22%)
- Blue (67%)



- Cyan (0%)
- Magenta (69%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (78%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B137AB 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 B137AB by changing the saturation by 10% instead.

 B137AB

 B137AB

FFFFFF

 951390

 EB70E3

 790076

 FF8CFF

 5D005D

 FFA8FF

 430045

 FFC5FF

 29002E

 FFE2FF

 000118

 000000

 B137AB

 B137AB

 B125AA

 B149AC

 B114A9

 B15AAD

 B102A8

 B16CAE

 B100A8

 B17EAE

 B18FAF

 B1A1B0

 B1B3B1

 B1C5B2

 B1D6B3

Harmonies

Analogous

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



5E5CD7



B137AB



D10C70

Triad

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



B137AB



856900



0086A6

Complementary

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



B137AB



37B13D

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.



008569



B137AB



487900

Square

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



B137AB



B24F00



008228



0081D5

Rectangle

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



B137AB



D31A48



008228



008693

Sweetspot

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



B137AB



E6B5E3



3B37B1



735671



F2F2F2



737373

Same Dimension

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



B137AB



E627DC



B13770



595059



990091



1A0018

Inverse Universe

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



B137AB



E627DC



37B178



595059



990091



1A0018

Previews

White Background



This preview shows how the Hex color B137AB looks on a white background.

Color Contrast Check

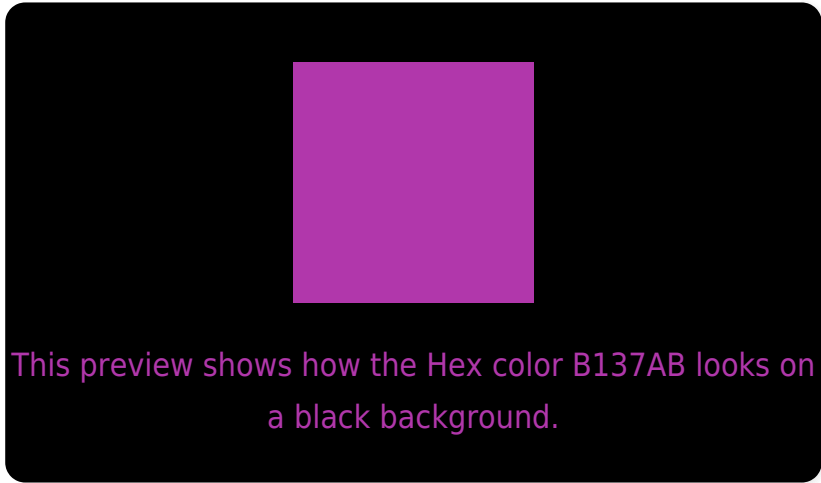
Large Text (above 18pt) WCAG AA ✓ Pass

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

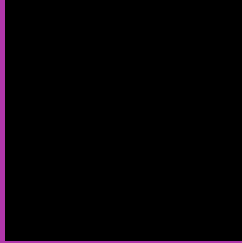
Any Text WCAG AA × Fail

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 B137AB Background



This preview shows how black text looks on a background with the Hex color B137AB.

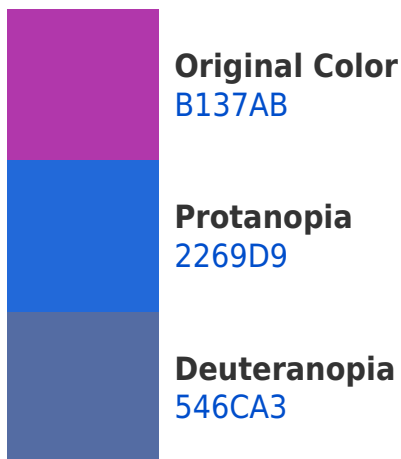



This preview shows how white text looks on a background with the Hex color B137AB.

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



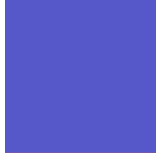


Tritanopia
A85258

Trichromacy



Original Color
B137AB



Protanomaly
5657C8



Deuteranomaly
7659A6



Tritanomaly
AB4876

Monochromacy



Original Color
B137AB



Achromatopsia
696969



Achromatomaly
835781

CSS Examples

Text

The CSS property to change the color of the text to Hex B137AB 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 #B137AB looks like.

```
.text, #text, p{  
    color:#B137AB  
}
```

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 #B137AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B137AB
}
```

Border

The CSS property to change the border of an element to Hex B137AB 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
#B137AB }
```

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

```
.border{ border-color:#B137AB }
```

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

Here you see how a box with a 4 pixel #B137AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B137AB; -webkit-box-shadow:4px 4px  
4px 4px #B137AB; box-shadow:4px 4px 4px  
4px #B137AB }
```

Background

The CSS property to change the background color of an element to Hex B137AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B137AB }
```

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

```
.background{ background-color:#B137AB }
```

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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