

Converting Colors

Hex(B136A3)

Have a look what the booklet for
Hex(B136A3) contains.

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Color

Hex(B136A3)

Conversions

Conversions Part 1

Format	Color
Hex	B136A3
RGB	177, 54, 163
RGB Percent	69%, 21%, 64%
CMY	0.3059, 0.7882, 0.3608
CMYK	0.00, 0.69, 0.08, 0.31
HSL	307°, 53%, 45%
HSV	307°, 69%, 69%
XYZ	26.0615, 14.6298, 36.1006
YIQ	103.2030, 38.3190, 59.9750

Conversions

Conversions Part 2

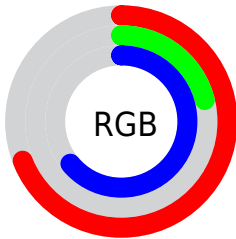
Format	Color
R_{YB}	177, 54, 163
Decimal	11613859
CIE _{Lab}	45.12, 61.37, -33.04
CIE _{LCh}	45, 69.699, 331.703
Yxy	14.6298, 0.3394, 0.1905
Android (android.graphics.Color)	4289803939 (0xFFB136A3)
YUV	103.2030, 29.4799, 64.7200
Hunter-Lab	38.2489, 54.6882, -29.1856

Details

The Hex color **B136A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **36B144**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **EB6FDA**, and **79006F** is the 20% darker color. If you saturate the color by 10%, you get **B124A1**, and if you desaturate by 10%, it is **B148A5**.

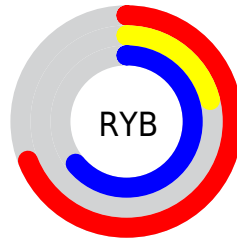
Distribution



Red (69%)

Green (21%)

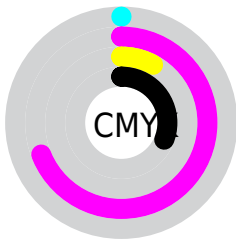
Blue (64%)



Red (69%)

Yellow (21%)

Blue (64%)

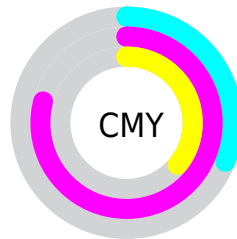


Cyan (0%)

Magenta (69%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (79%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B136A3 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 B136A3 by changing the saturation by 10% instead.

 B136A3

 B136A3

FFFFFF

 951288

 EB6FDA

 79006F

 FF8BF7

 5D0056

 FFA7FF

 43003E

 FFC4FF

 290028

 FFE1FF

 000111

FFFEFF


 000000

 B136A3

 B136A3

 B124A1

 B148A5

 B1139F

 B159A7

 B1019D

 B16BA9

 B1009D

 B17DAB

 B18FAD

 B1A0AF

 B1B2B1

 B1C4B3

 B1D5B5

Harmonies

Analogous

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



6859CF



B136A3



CD176A

Triad

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



B136A3



7F6A00



0083A7

Complementary

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



B136A3



36B144

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.



00836D



B136A3



437800

Square

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



B136A3



AC5100



00802F



007FD2

Rectangle

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



B136A3



CD2344



00802F



008494

Sweetspot

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



B136A3



E6B5E0



4236B1



73566F



F2F2F2



737373

Same Dimension

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



B136A3



E627D0



B13667



595058



990088



1A0017

Inverse Universe

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



B136A3



E627D0



36B180



595058



990088



1A0017

Previews

White Background



This preview shows how the Hex color B136A3 looks on a white background.

Color Contrast Check

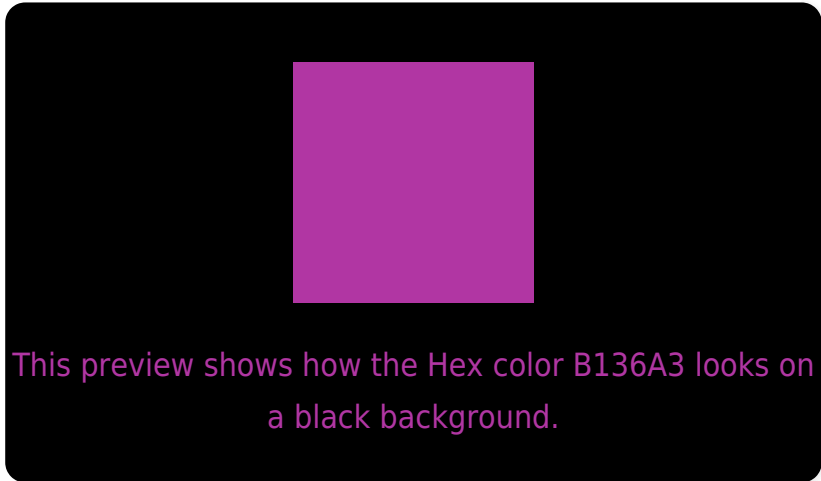
Large Text (above 18pt) WCAG AA ✓ Pass

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

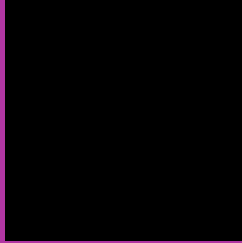
Any Text WCAG AA × Fail

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 B136A3 Background



This preview shows how black text looks on a background with the Hex color B136A3.

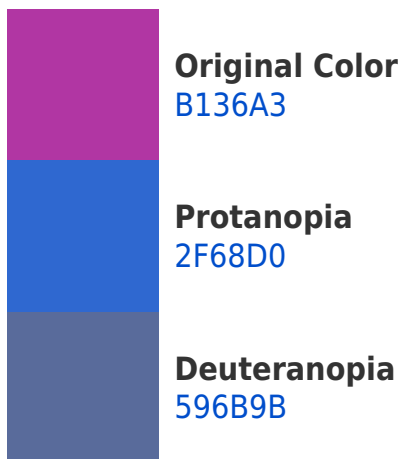


This preview shows how white text looks on a background with the Hex color B136A3.

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
A94F54

Trichromacy



Original Color
B136A3



Protanomaly
5E56C0



Deuteranomaly
79589E



Tritanomaly
AC4671

Monochromacy



Original Color
B136A3



Achromatopsia
676767



Achromatomaly
82557D

CSS Examples

Text

The CSS property to change the color of the text to Hex B136A3 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 #B136A3 looks like.

```
.text, #text, p{  
  color:#B136A3  
}
```

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 #B136A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B136A3
}
```

Border

The CSS property to change the border of an element to Hex B136A3 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".

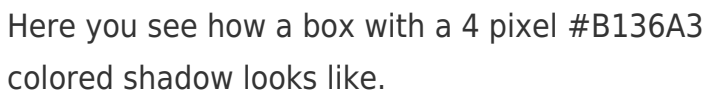
```
.border, #border, table{ border:4px solid
#B136A3 }
```

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

```
.border{ border-color:#B136A3 }
```

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

Here you see how a box with a 4 pixel #B136A3 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, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B136A3; -webkit-box-shadow:4px 4px  
4px 4px #B136A3; box-shadow:4px 4px 4px  
4px #B136A3 }
```

Background

The CSS property to change the background color of an element to Hex B136A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B136A3 }
```

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

```
.background{ background-color:#B136A3 }
```

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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