

Converting Colors

Hex(B156AC)

Have a look what the booklet for
Hex(B156AC) contains.

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Color

Hex(**B156AC**)

Conversions

Conversions Part 1

Format	Color
Hex	B156AC
RGB	177, 86, 172
RGB Percent	69%, 34%, 67%
CMY	0.3059, 0.6627, 0.3255
CMYK	0.00, 0.51, 0.03, 0.31
HSL	303°, 37%, 52%
HSV	303°, 51%, 69%
XYZ	28.9056, 18.9812, 41.1700
YIQ	123.0130, 26.6300, 46.0380

Conversions

Conversions Part 2

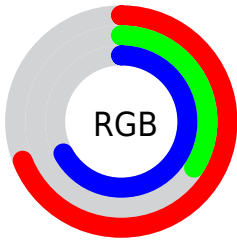
Format	Color
R_{YB}	177, 86, 172
Decimal	11622060
CIE _{Lab}	50.67, 48.89, -29.68
CIE _{LCh}	51, 57.196, 328.737
Yxy	18.9812, 0.3246, 0.2131
Android (android.graphics.Color)	4289812140 (0xFFB156AC)
YUV	123.0130, 24.1506, 47.3466
Hunter-Lab	43.5675, 42.1860, -25.5301

Details

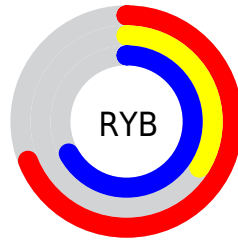
The Hex color **B156AC** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **56B15B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EA8BE4**, and **7A2077** is the 20% darker color. If you saturate the color by 10%, you get **B144AB**, and if you desaturate by 10%, it is **B168AD**.

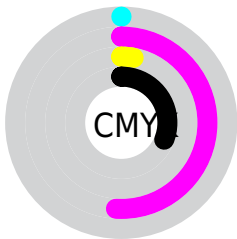
Distribution



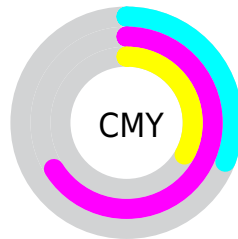
- Red (69%)
- Green (34%)
- Blue (67%)



- Red (69%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B156AC 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 B156AC by changing the saturation by 10% instead.

 B156AC

 B156AC

FFFFFF

 953C91

 EA8BE4

 7A2077

 FFA7FF

 5F005E

 FFC3FF

 450046

 FFDFFF

 2F0030

 FFFCFF

 07001A

 000000

 B156AC

 B156AC

 B144AB

 B168AD

 B133AA

 B179AE

 B121A9

 B18BAF

 B10FA8

 B19DB0

 B100A7

 B1AFB1

 B1C0B2

 B1D2B3

 B1E4B4

 B1F5B5

Harmonies

Analogous

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



736DCF



B156AC



CD477D

Triad

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



B156AC



927600



008FA6

Complementary

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



B156AC



56B15B

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.



008F75



B156AC



628316

Square

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



B156AC



B76222



018B43



008ACC

Rectangle

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



B156AC



D04A5C



018B43



008F97

Sweetspot

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



B156AC



E6C3E4



5B56B1



735E72



F2F2F2



737373

Same Dimension

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



B156AC



E657DE



B1567F



595059



990091



1A0018

Inverse Universe

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



B156AC



E657DE



56B188



595059



990091



1A0018

Previews

White Background



This preview shows how the Hex color B156AC looks on a white background.

Color Contrast Check

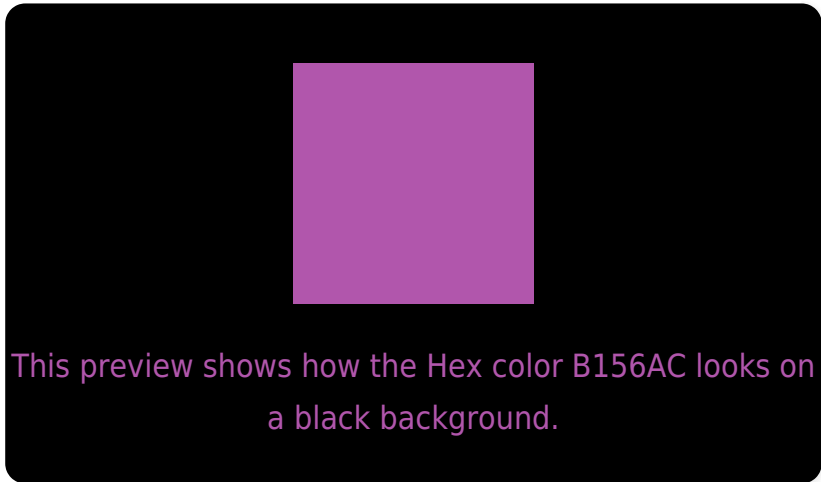
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

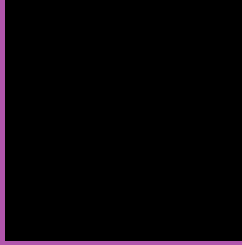
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B156AC Background



This preview shows how black text looks on a background with the Hex color B156AC.

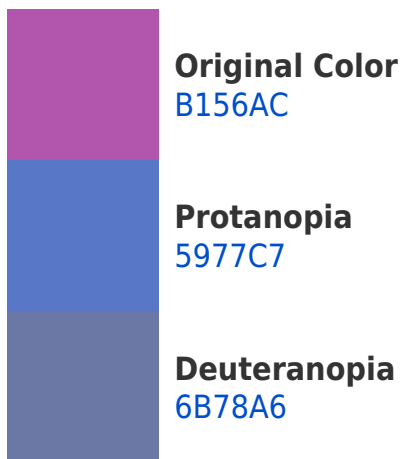



This preview shows how white text looks on a background with the Hex color B156AC.

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](#).

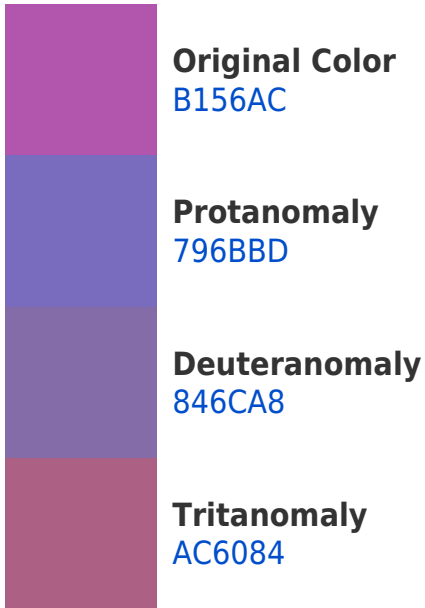
Dichromacy





Tritanopia
A9656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B156AC 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 #B156AC looks like.

```
.text, #text, p{  
    color:#B156AC  
}
```

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 #B156AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B156AC
}
```

Border

The CSS property to change the border of an element to Hex B156AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

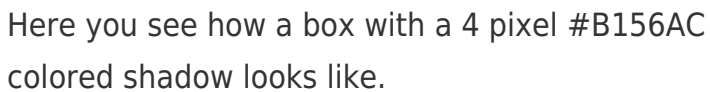
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B156AC }
```

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

```
.border{ border-color:#B156AC }
```

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



Here you see how a box with a 4 pixel #B156AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B156AC; -webkit-box-shadow:4px 4px  
4px 4px #B156AC; box-shadow:4px 4px 4px  
4px #B156AC }
```

Background

The CSS property to change the background color of an element to Hex B156AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B156AC }
```

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

```
.background{ background-color:#B156AC }
```

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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