

# Converting Colors

Hex(AB5C83)

Have a look what the booklet for  
Hex(AB5C83) contains.

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# Color

**Hex(AB5C83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB5C83
RGB	171, 92, 131
RGB Percent	67%, 36%, 51%
CMY	0.3294, 0.6392, 0.4863
CMYK	0.00, 0.46, 0.23, 0.33
HSL	330°, 32%, 52%
HSV	330°, 46%, 67%
XYZ	24.7185, 17.9509, 23.6348
YIQ	120.0670, 34.5650, 28.8770

# Conversions

## Conversions Part 2

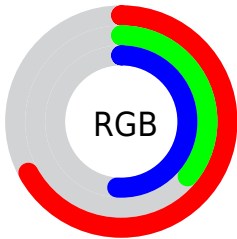
Format	Color
<b>RYB</b>	171, 92, 131
Decimal	11230339
CIELab	49.44, 37.10, -7.38
CIELCh	49, 37.824, 348.756
Yxy	17.9509, 0.3728, 0.2707
Android (android.graphics.Color)	4289420419 (0xFFAB5C83)
YUV	120.0670, 5.3900, 44.6682
Hunter-Lab	42.3685, 29.9948, -3.4163

# Details

The Hex color **AB5C83** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5CAB84**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E490B8**, and **752A52** is the 20% darker color. If you saturate the color by 10%, you get **AB4B7A**, and if you desaturate by 10%, it is **AB6D8C**.

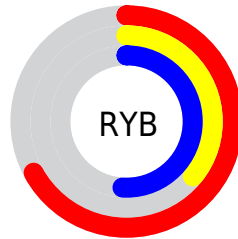
# Distribution



Red (67%)

Green (36%)

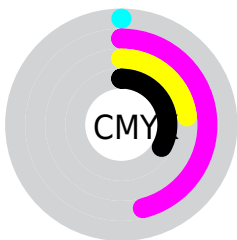
Blue (51%)



Red (67%)

Yellow (36%)

Blue (51%)

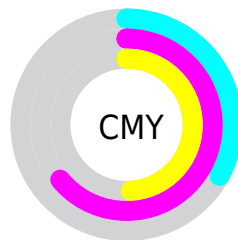


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (64%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5C83 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 AB5C83 by changing the saturation by 10% instead.



 AB5C83

 AB5C83

FFFFFF

 8F436A

 E490B8

 752A52

 FFABD4

 5A0F3B

 FFC7F0

 410025

 FFE4FF

 2C0010

 000000

 AB5C83

 AB5C83

 AB4B7A

 AB6D8C

 AB3A72

 AB7E94

 AB2969

 AB8F9D

 AB1860

 ABA0A6

 AB0658

 ABB1AE

 AB0054

 ABC3B7

 ABD4C0

 ABE5C8

 ABF6D1

# Harmonies

## Analogous

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



9165A0



AB5C83



B25C63

# Triad

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



AB5C83



757A36



0083A5

# Complementary

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



AB5C83



5CAB84

# 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.



008689



AB5C83



50814A

# Square

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



AB5C83



937035



138568



127CB4

# Rectangle

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



AB5C83



AE604F



138568



00849D



# Sweetspot

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



AB5C83



DEBFCE



835CAB



705D67



F0F0F0



707070



# Same Dimension

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



AB5C83



DE64A0



AB5C5C



574E52



96004A



17000B



# Inverse Universe

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



AB5C83



DE64A0



5CABAB



574E52



96004A

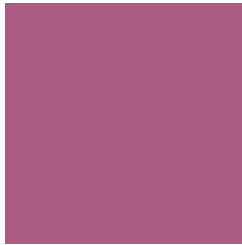


17000B



# Previews

## White Background



This preview shows how the Hex color AB5C83 looks on a white background.

## Color Contrast Check

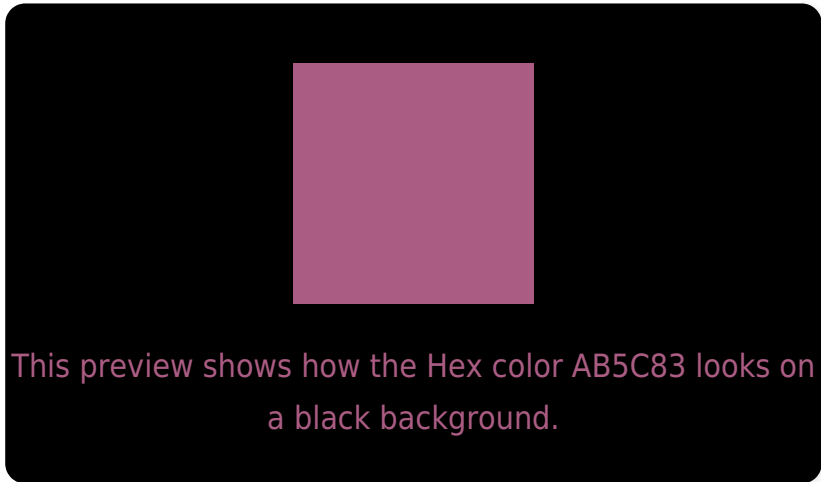
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

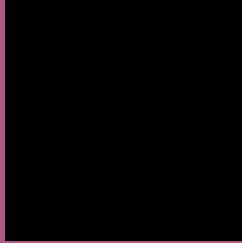
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB5C83 Background



This preview shows how black text looks on a background with the Hex color AB5C83.



This preview shows how white text looks on a background with the Hex color AB5C83.

# 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](#).

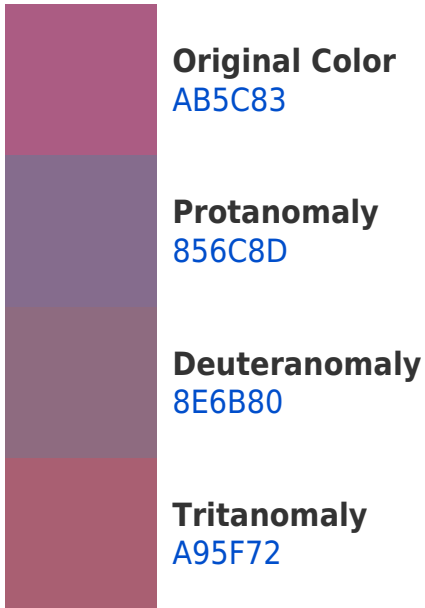
## Dichromacy





**Tritanopia**  
A86168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5C83 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 #AB5C83 looks like.

```
.text, #text, p{  
    color:#AB5C83  
}
```

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 #AB5C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5C83
}
```

## Border

The CSS property to change the border of an element to Hex AB5C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

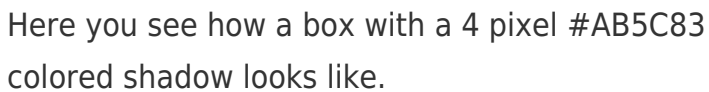
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5C83 }
```

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

```
.border{ border-color:#AB5C83 }
```

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



Here you see how a box with a 4 pixel `#AB5C83` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5C83; -webkit-box-shadow:4px 4px  
4px 4px #AB5C83; box-shadow:4px 4px 4px  
4px #AB5C83 }
```

# Background

The CSS property to change the background color of an element to Hex AB5C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5C83 }
```

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

```
.background{ background-color:#AB5C83 }
```

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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