

# Converting Colors

Hex(BA50A7)

Have a look what the booklet for  
Hex(BA50A7) contains.

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# Color

**Hex(BA50A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA50A7
RGB	186, 80, 167
RGB Percent	73%, 31%, 65%
CMY	0.2706, 0.6863, 0.3451
CMYK	0.00, 0.57, 0.10, 0.27
HSL	311°, 43%, 52%
HSV	311°, 57%, 73%
XYZ	30.0934, 18.9664, 38.6340
YIQ	121.6120, 35.2490, 49.5290

# Conversions

## Conversions Part 2

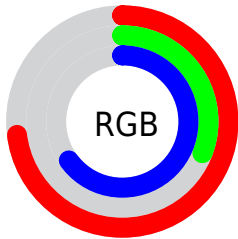
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 80, 167
Decimal	12210343
CIE <sub>Lab</sub>	50.65, 53.51, -26.68
CIE <sub>LCh</sub>	51, 59.792, 333.499
Yxy	18.9664, 0.3432, 0.2163
Android (android.graphics.Color)	4290400423 (0xFFBA50A7)
YUV	121.6120, 22.3763, 56.4683
Hunter-Lab	43.5505, 47.1303, -22.1113

# Details

The Hex color **BA50A7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **50BA63**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F486DE**, and **821573** is the 20% darker color. If you saturate the color by 10%, you get **BA3DA4**, and if you desaturate by 10%, it is **BA63AA**.

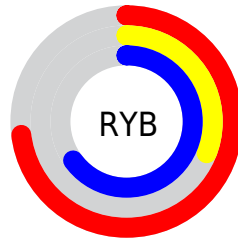
# Distribution



Red (73%)

Green (31%)

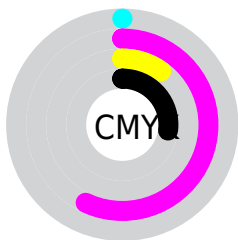
Blue (65%)



Red (73%)

Yellow (31%)

Blue (65%)

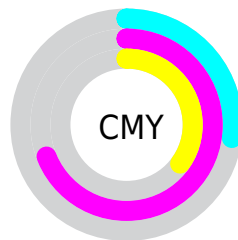


Cyan (0%)

Magenta (57%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA50A7 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 BA50A7 by changing the saturation by 10% instead.



 BA50A7

 BA50A7

FFFFFF

 9E358C

 F486DE

 821573

 FFA2FB

 67005A

 FFBEFF

 4C0042

 FFDBFF

 35002C

 FFF8FF

 140016

 000000

 BA50A7

 BA50A7

 BA3DA4

 BA63AA

 BA2BA0

 BA75AE

 BA189D

 BA88B1

 BA069A

 BA9AB4

 BA0099

 BAADB8

 BAC0BB

 BAD2BE

 BAE5C2

 BAF7C5

# Harmonies

## Analogous

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



8068CE



BA50A7



D24375

# Triad

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



BA50A7



8B7800



008FB0

# Complementary

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



BA50A7



50BA63

# 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.



00907D



BA50A7



578516

# Square

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



BA50A7



B46515



008D48



008AD4

# Rectangle

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



BA50A7



D24853



008D48



0090A0



# Sweetspot

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



BA50A7



F2C9EB



6250BA



7A6276



F9FAFA



7A7A7A



# Same Dimension

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



BA50A7



F24ED5



BA5073



5C535A



9C0080



1C0017



# Inverse Universe

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



BA50A7



F24ED5



50BA97



5C535A



9C0080



1C0017



# Previews

## White Background



This preview shows how the Hex color BA50A7 looks on a white background.

## Color Contrast Check

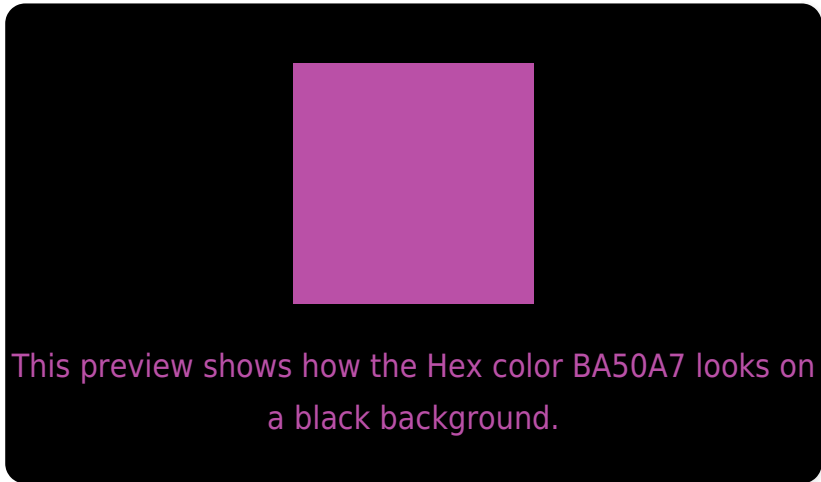
Large Text (above 18pt) WCAG AA ✓ Pass

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

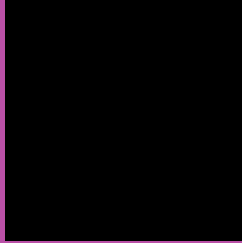
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA50A7 Background



This preview shows how black text looks on a background with the Hex color BA50A7.

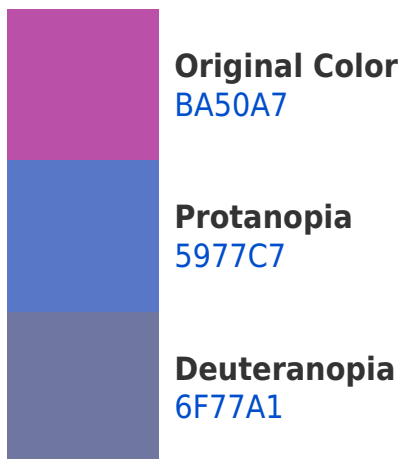


This preview shows how white text looks on a background with the Hex color BA50A7.

# 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](#).

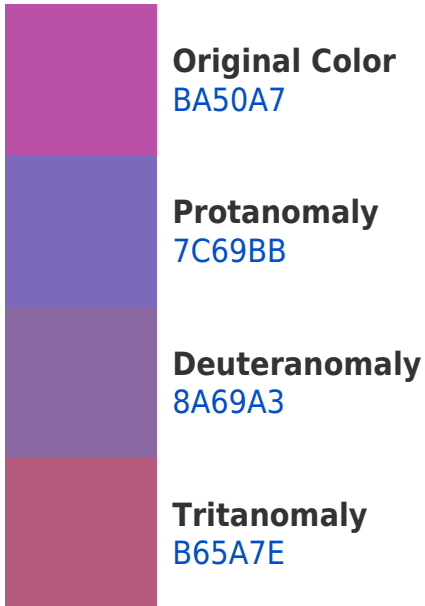
## Dichromacy





**Tritanopia**  
B36067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA50A7 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 #BA50A7 looks like.

```
.text, #text, p{  
    color:#BA50A7  
}
```

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 #BA50A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA50A7
}
```

## Border

The CSS property to change the border of an element to Hex BA50A7 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
#BA50A7 }
```

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

```
.border{ border-color:#BA50A7 }
```

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

Here you see how a box with a 4 pixel #BA50A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA50A7; -webkit-box-shadow:4px 4px  
4px 4px #BA50A7; box-shadow:4px 4px 4px  
4px #BA50A7 }
```

# Background

The CSS property to change the background color of an element to Hex BA50A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA50A7 }
```

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

```
.background{ background-color:#BA50A7 }
```

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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