

Converting Colors

Hex(BA537A)

Have a look what the booklet for
Hex(BA537A) contains.

Hex(BA537A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BA537A)

Conversions

Conversions Part 1

Format	Color
Hex	BA537A
RGB	186, 83, 122
RGB Percent	73%, 33%, 48%
CMY	0.2706, 0.6745, 0.5216
CMYK	0.00, 0.55, 0.34, 0.27
HSL	337°, 43%, 53%
HSV	337°, 55%, 73%
XYZ	26.8558, 18.0308, 20.4772
YIQ	118.2430, 48.8690, 33.9650

Conversions

Conversions Part 2

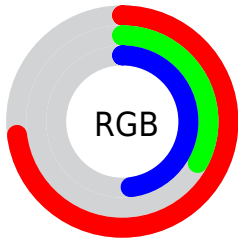
Format	Color
R_{YB}	186, 83, 122
Decimal	12211066
CIE _{Lab}	49.53, 45.63, -1.60
CIE _{LCh}	50, 45.654, 357.994
Yxy	18.0308, 0.4109, 0.2759
Android (android.graphics.Color)	4290401146 (0xFFBA537A)
YUV	118.2430, 1.8522, 59.4229
Hunter-Lab	42.4626, 38.5840, 1.1318

Details

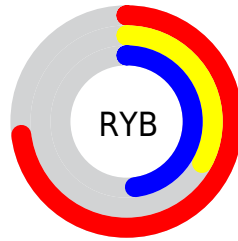
The Hex color **BA537A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **53BA93**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F588AE**, and **811D4A** is the 20% darker color. If you saturate the color by 10%, you get **BA406E**, and if you desaturate by 10%, it is **BA6686**.

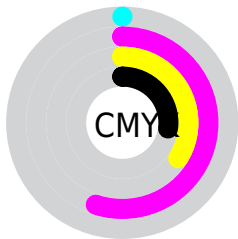
Distribution



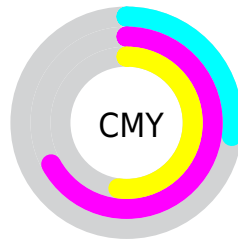
- Red (73%)
- Green (33%)
- Blue (48%)



- Red (73%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (55%)
- Yellow (34%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA537A 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 BA537A by changing the saturation by 10% instead.


 BA537A

 BA537A

FFFFFF

 9D3961

 F588AE

 811D4A

 FFA3CA

 660033

 FFBFE6

 4B001E

 FFDCFF

 340004

 FFF9FF

 010000

 000000

 BA537A

 BA537A

 BA406E

 BA6686

 BA2E63

 BA7891

 BA1B57

 BA8B9D

 BA094C

 BA9DA8

 BA0046

 BAB0B4

 BAC3BF

 BAD5CB

 BAE8D6

 BAFAE2

Harmonies

Analogous

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



A35D9F



BA537A



BB5754

Triad

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



BA537A



677E2D



0084B7

Complementary

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



BA537A



53BA93

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.



008899



BA537A



32854B

Square

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



BA537A



8D7323



008872



007BC3

Rectangle

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



BA537A



B25F3D



008872



0086AF

Sweetspot

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



BA537A



F2C9D9



9353BA



7A626B



FAFAFA



7A7A7A

Same Dimension

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



BA537A



F2528F



BA5F53



5C5356



9C003B



1C000B

Inverse Universe

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



BA537A



F2528F



53AEBA



5C5356



9C003B



1C000B

Previews

White Background



This preview shows how the Hex color BA537A looks on a white background.

Color Contrast Check

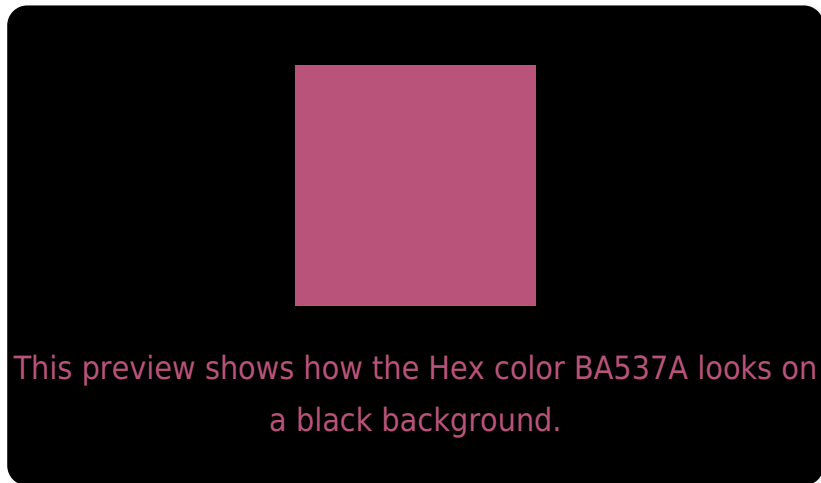
Large Text (above 18pt) WCAG AA ✓ Pass

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

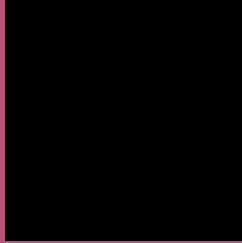
Any Text WCAG AA ✓ Pass

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 BA537A Background



This preview shows how black text looks on a background with the Hex color BA537A.



This preview shows how white text looks on a background with the Hex color BA537A.

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



Original Color
BA537A

Protanopia
71758F

Deuteranopia
827275



Tritanopia
B8585F

Trichromacy



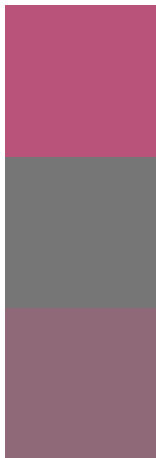
Original Color
BA537A

Protanomaly
8C6987

Deuteranomaly
966777

Tritanomaly
B95669

Monochromacy



Original Color
BA537A

Achromatopsia
767676

Achromatomaly
8F6977

CSS Examples

Text

The CSS property to change the color of the text to Hex BA537A 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 #BA537A looks like.

```
.text, #text, p{  
    color:#BA537A  
}
```

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 #BA537A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA537A
}
```

Border

The CSS property to change the border of an element to Hex BA537A is called "border". The border property can be set on classes, ids or directly on the HTML element.

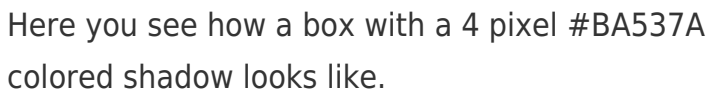
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA537A }
```

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

```
.border{ border-color:#BA537A }
```

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



Here you see how a box with a 4 pixel #BA537A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA537A; -webkit-box-shadow:4px 4px  
4px 4px #BA537A; box-shadow:4px 4px 4px  
4px #BA537A }
```

Background

The CSS property to change the background color of an element to Hex BA537A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA537A }
```

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

```
.background{ background-color:#BA537A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor