

# Converting Colors

Hex(BA577D)

Have a look what the booklet for  
Hex(BA577D) contains.

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# Color

**Hex(BA577D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA577D
RGB	186, 87, 125
RGB Percent	73%, 34%, 49%
CMY	0.2706, 0.6588, 0.5098
CMYK	0.00, 0.53, 0.33, 0.27
HSL	337°, 42%, 54%
HSV	337°, 53%, 73%
XYZ	27.3596, 18.7362, 21.5765
YIQ	120.9330, 46.8060, 32.8060

# Conversions

## Conversions Part 2

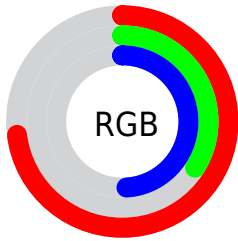
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 87, 125
Decimal	12212093
CIE <sub>Lab</sub>	50.38, 44.03, -2.16
CIE <sub>LCh</sub>	50, 44.081, 357.194
Yxy	18.7362, 0.4043, 0.2769
Android (android.graphics.Color)	4290402173 (0xFFBA577D)
YUV	120.9330, 2.0050, 57.0638
Hunter-Lab	43.2853, 37.0762, 0.7453

# Details

The Hex color **BA577D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **57BA94**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F58CB2**, and **82224C** is the 20% darker color. If you saturate the color by 10%, you get **BA4472**, and if you desaturate by 10%, it is **BA6A88**.

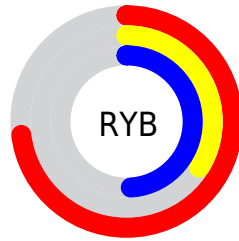
# Distribution



Red (73%)

Green (34%)

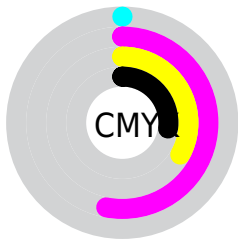
Blue (49%)



Red (73%)

Yellow (34%)

Blue (49%)

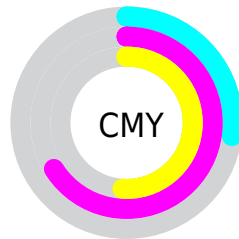


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (66%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA577D 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 BA577D by changing the saturation by 10% instead.



 BA577D

 BA577D

FFFFFF

 9E3D64

 F58CB2

 82224C

 FFA7CD

 660036

 FFC3E9

 4B0020

 FFE0FF

 350009

 FFFDFF

 070000

 000000

 BA577D

 BA577D

 BA4472

 BA6A88

 BA3266

 BA7C94

 BA1F5B

 BA8F9F

 BA0D4F

 BAA1AB

 BA0047

 BAB4B6

 BAC7C2

 BAD9CD

 BAECD9

 BAFEE4

# Harmonies

## Analogous

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



A360A1



BA577D



BC5A58

# Triad

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



BA577D



6B8031



0086B6

# Complementary

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



BA577D



57BA94

# 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.



008A99



BA577D



3A874D

# Square

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



BA577D



907529



008A73



127DC3

# Rectangle

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



BA577D



B36242



008A73



0088AE



# Sweetspot

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



BA577D



F2CBDA



9257BA



7A636C



F9FAFA



7A7A7A



# Same Dimension

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



BA577D



F25793



BA6157



5C5356



9C003C



1C000B



# Inverse Universe

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



BA577D



F25793



57B0BA



5C5356



9C003C

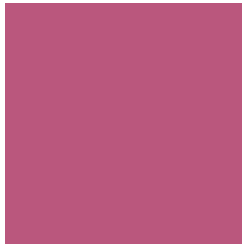


1C000B



# Previews

## White Background



This preview shows how the Hex color BA577D looks on a white background.

## Color Contrast Check

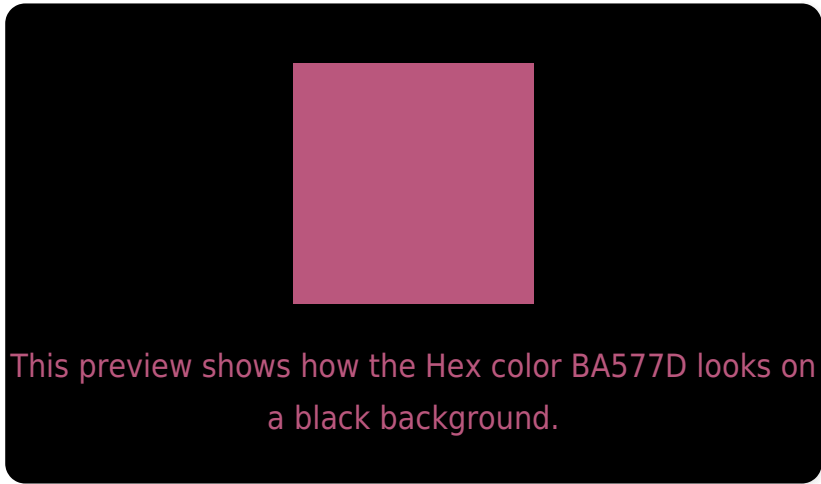
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA577D Background



This preview shows how black text looks on a background with the Hex color BA577D.




This preview shows how white text looks on a background with the Hex color BA577D.

# 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**  
B85C63

# Trichromacy



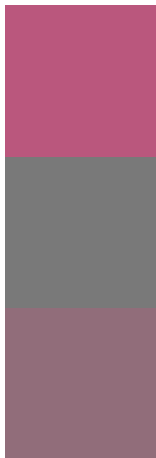
**Original Color**  
BA577D

**Protanomaly**  
8D6B8A

**Deuteranomaly**  
986A7A

**Tritanomaly**  
B95A6C

# Monochromacy



**Original Color**  
BA577D

**Achromatopsia**  
797979

**Achromatomaly**  
916D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA577D 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 #BA577D looks like.

```
.text, #text, p{  
    color:#BA577D  
}
```

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 #BA577D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA577D }  
}
```

## Border

The CSS property to change the border of an element to Hex BA577D 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 #BA577D }  
}
```

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

```
.border{ border-color:#BA577D }
```

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

Here you see how a box with a 4 pixel #BA577D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA577D; -webkit-box-shadow:4px 4px  
4px 4px #BA577D; box-shadow:4px 4px 4px  
4px #BA577D }
```

# Background

The CSS property to change the background color of an element to Hex BA577D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA577D }
```

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

```
.background{ background-color:#BA577D }
```

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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