

# Converting Colors

Hex(BA6584)

Have a look what the booklet for  
Hex(BA6584) contains.

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# Color

**Hex(BA6584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6584
RGB	186, 101, 132
RGB Percent	73%, 40%, 52%
CMY	0.2706, 0.6039, 0.4824
CMYK	0.00, 0.46, 0.29, 0.27
HSL	338°, 38%, 56%
HSV	338°, 46%, 73%
XYZ	29.0682, 21.4124, 24.4307
YIQ	129.9490, 40.7090, 27.6610

# Conversions

## Conversions Part 2

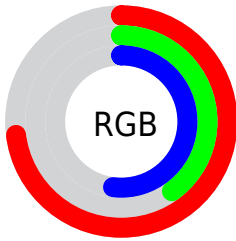
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 101, 132
Decimal	12215684
CIE <sub>Lab</sub>	53.40, 37.74, -1.88
CIE <sub>LCh</sub>	53, 37.789, 357.148
Yxy	21.4124, 0.3880, 0.2858
Android (android.graphics.Color)	4290405764 (0xFFBA6584)
YUV	129.9490, 1.0111, 49.1567
Hunter-Lab	46.2735, 31.1519, 1.0885

# Details

The Hex color **BA6584** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **65BA9B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F49AB9**, and **823353** is the 20% darker color. If you saturate the color by 10%, you get **BA5278**, and if you desaturate by 10%, it is **BA7890**.

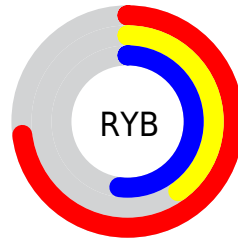
# Distribution



Red (73%)

Green (40%)

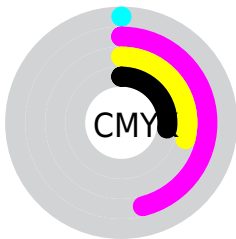
Blue (52%)



Red (73%)

Yellow (40%)

Blue (52%)

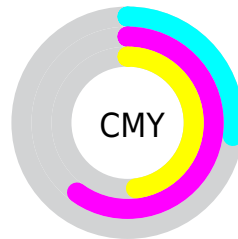


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6584 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 BA6584 by changing the saturation by 10% instead.



 BA6584

 BA6584

FFFFFF

 9E4C6B

 F49AB9

 823353

 FFB5D5

 67193C

 FFD1F1

 4D0026

 FFEEFF

 350011

 150000

 000000

 BA6584

 BA6584

 BA5278

 BA7890

 BA406C

 BA8A9C

 BA2D61

 BA9DA7

 BA1B55

 BAAFB3

 BA0849

 BAC2BF

 BA0044

 BAD5CB

 BAE7D7

 BAFAE3

 BAFFEE

# Harmonies

## Analogous

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



A56CA3



BA6584



BC6764

# Triad

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



BA6584



768644



008CB5

# Complementary

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



BA6584



65BA9B

# 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.



00909C



BA6584



4E8D5B

# Square

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



BA6584



967D3D



00907B



4184C0

# Rectangle

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



BA6584



B56D51



00907B



008EAE



# Sweetspot

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



BA6584



F2D0DD



9B65BA



7A666D



FAFAFA



7A7A7A



# Same Dimension

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



BA6584



F26D9E



BA7065



5C5356



9C0039



1C000A



# Inverse Universe

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



BA6584



F26D9E



65AFBA



5C5356



9C0039

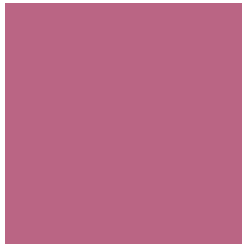


1C000A



# Previews

## White Background



This preview shows how the Hex color BA6584 looks on a white background.

## Color Contrast Check

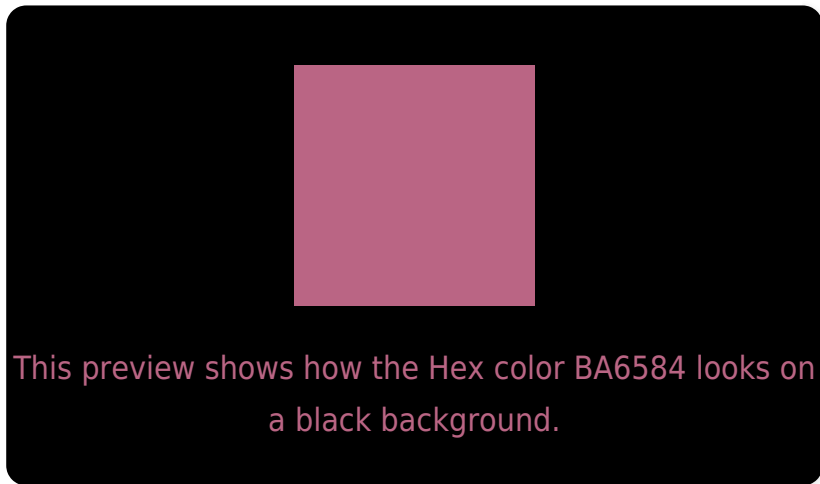
Large Text (above 18pt) WCAG AA ✓ Pass

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

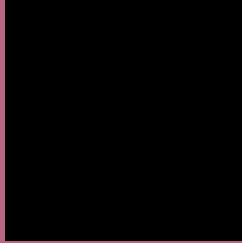
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA6584 Background



This preview shows how black text looks on a background with the Hex color BA6584.



This preview shows how white text looks on a background with the Hex color BA6584.

# 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**  
B86970

# Trichromacy



**Original Color**  
BA6584

**Protanomaly**  
93768E

**Deuteranomaly**  
9D7481

**Tritanomaly**  
B96877

# Monochromacy



**Original Color**  
BA6584

**Achromatopsia**  
828282

**Achromatomaly**  
967783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6584 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 #BA6584 looks like.

```
.text, #text, p{  
    color:#BA6584  
}
```

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 #BA6584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6584
}
```

## Border

The CSS property to change the border of an element to Hex BA6584 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
#BA6584 }
```

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

```
.border{ border-color:#BA6584 }
```

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

Here you see how a box with a 4 pixel #BA6584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6584; -webkit-box-shadow:4px 4px  
4px 4px #BA6584; box-shadow:4px 4px 4px  
4px #BA6584 }
```

# Background

The CSS property to change the background color of an element to Hex BA6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6584 }
```

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

```
.background{ background-color:#BA6584 }
```

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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