

# Converting Colors

Hex(BA6398)

Have a look what the booklet for  
Hex(BA6398) contains.

<b>Hex(BA6398)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BA6398)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6398
RGB	186, 99, 152
RGB Percent	73%, 39%, 60%
CMY	0.2706, 0.6118, 0.4039
CMYK	0.00, 0.47, 0.18, 0.27
HSL	323°, 39%, 56%
HSV	323°, 47%, 73%
XYZ	30.3790, 21.6298, 32.2796
YIQ	131.0550, 34.8390, 34.9270

# Conversions

## Conversions Part 2

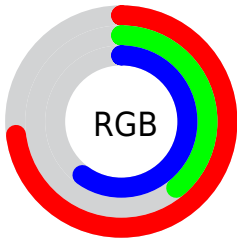
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 99, 152
Decimal	12215192
CIE <sub>Lab</sub>	53.63, 41.72, -13.30
CIE <sub>LCh</sub>	54, 43.792, 342.315
Yxy	21.6298, 0.3604, 0.2566
Android (android.graphics.Color)	4290405272 (0xFFBA6398)
YUV	131.0550, 10.3259, 48.1868
Hunter-Lab	46.5078, 35.2080, -8.5958

# Details

The Hex color **BA6398** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **63BA85**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F498CE**, and **833065** is the 20% darker color. If you saturate the color by 10%, you get **BA5091**, and if you desaturate by 10%, it is **BA769F**.

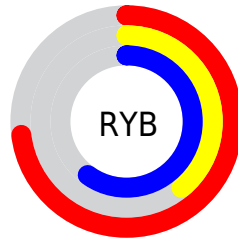
# Distribution



Red (73%)

Green (39%)

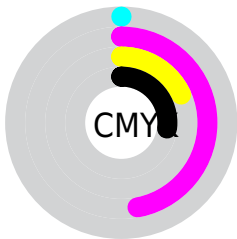
Blue (60%)



Red (73%)

Yellow (39%)

Blue (60%)

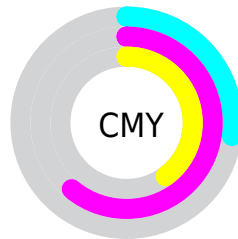


Cyan (0%)

Magenta (47%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6398 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 BA6398 by changing the saturation by 10% instead.



 BA6398

 BA6398

FFFFFF

 9E497E

 F498CE

 833065

 FFB4EB

 68144D

 FFD0FF

 4E0036

 FFECFF

 360021

 1A0006

 000000

 BA6398

 BA6398

 BA5091

 BA769F

 BA3E89

 BA88A7

 BA2B82

 BA9BAE

 BA197B

 BAADB5

 BA0674

 BAC0BC

 BA0071

 BAD3C4

 BAE5CB

 BAF8D2

 BAFFD9

# Harmonies

## Analogous

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



9770B8



BA6398



C76072

# Triad

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



BA6398



878333



0091B2

# Complementary

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



BA6398



63BA85

# 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.



00938F



BA6398



5D8C46

# Square

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



BA6398



A87637



1A9268



008AC8

# Rectangle

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



BA6398



C4645A



1A9268



0092A7



# Sweetspot

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



BA6398



F2D0E5



8463BA



7A6672



F9FAFA



7A7A7A



# Same Dimension

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



BA6398



F26BBD



BA636D



5C5358



9C005F



1C0011



# Inverse Universe

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



BA6398



F26BBD



63BAB0



5C5358



9C005F



1C0011



# Previews

## White Background



This preview shows how the Hex color BA6398 looks on a white background.

## Color Contrast Check

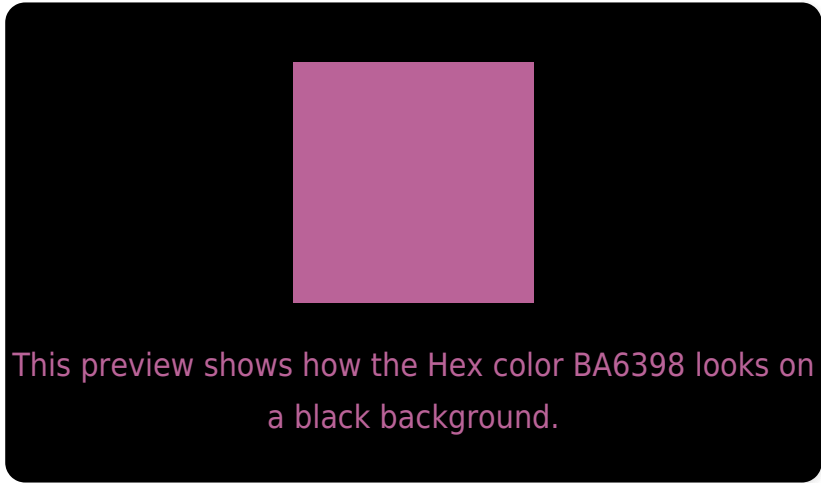
Large Text (above 18pt) WCAG AA ✓ Pass

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

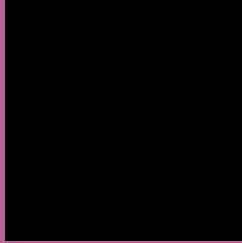
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA6398 Background



This preview shows how black text looks on a background with the Hex color BA6398.




This preview shows how white text looks on a background with the Hex color BA6398.

# 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**  
B66B73

# Trichromacy



**Original Color**  
BA6398



**Protanomaly**  
8D75A5



**Deuteranomaly**  
987495

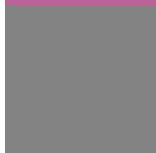


**Tritanomaly**  
B76880

# Monochromacy



**Original Color**  
BA6398



**Achromatopsia**  
838383



**Achromatomaly**  
97778B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6398 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 #BA6398 looks like.

```
.text, #text, p{  
    color:#BA6398  
}
```

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 #BA6398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6398
}
```

## Border

The CSS property to change the border of an element to Hex BA6398 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
#BA6398 }
```

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

```
.border{ border-color:#BA6398 }
```

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

Here you see how a box with a 4 pixel #BA6398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6398; -webkit-box-shadow:4px 4px  
4px 4px #BA6398; box-shadow:4px 4px 4px  
4px #BA6398 }
```

# Background

The CSS property to change the background color of an element to Hex BA6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6398 }
```

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

```
.background{ background-color:#BA6398 }
```

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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