

# Converting Colors

Hex(BE6EA4)

Have a look what the booklet for  
Hex(BE6EA4) contains.

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# Color

Hex(BE6EA4)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE6EA4
RGB	190, 110, 164
RGB Percent	75%, 43%, 64%
CMY	0.2549, 0.5686, 0.3569
CMYK	0.00, 0.42, 0.14, 0.25
HSL	320°, 38%, 59%
HSV	320°, 42%, 75%
XYZ	33.5120, 24.7793, 38.1386
YIQ	140.0760, 30.3460, 33.7540

# Conversions

## Conversions Part 2

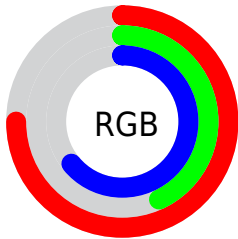
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 110, 164
Decimal	12480164
CIE <sub>Lab</sub>	56.86, 39.18, -15.36
CIE <sub>LCh</sub>	57, 42.083, 338.590
Yxy	24.7793, 0.3475, 0.2570
Android (android.graphics.Color)	4290670244 (0xFFBE6EA4)
YUV	140.0760, 11.7945, 43.7833
Hunter-Lab	49.7789, 33.0562, -10.5804

# Details

The Hex color **BE6EA4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EBE88**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F8A3DB**, and **873B70** is the 20% darker color. If you saturate the color by 10%, you get **BE5B9E**, and if you desaturate by 10%, it is **BE81AA**.

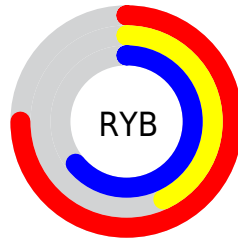
# Distribution



Red (75%)

Green (43%)

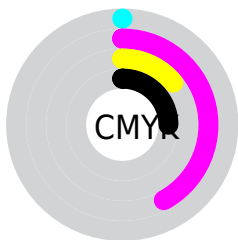
Blue (64%)



Red (75%)

Yellow (43%)

Blue (64%)

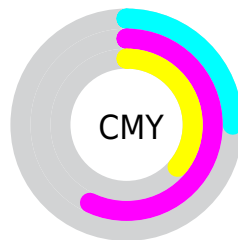


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (57%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE6EA4 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 BE6EA4 by changing the saturation by 10% instead.



 BE6EA4

 BE6EA4

FFFFFF

 A2548A

 F8A3DB

 873B70

 FF8FF8

 6C2258

 FFDBFF

 520440

 FFF8FF

 39002A

 230015

 000000

 BE6EA4

 BE6EA4

 BE5B9E

 BE81AA

 BE4898

 BE94B0

 BE3591

 BEA7B7

 BE228B

 BEBABD

 BE0F85

 BECDC3

 BE0080

 BEE0C9

 BEF3CF

 BEFFD5

 BEFFDC

# Harmonies

## Analogous

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



997BC2



BE6EA4



CD6A7F

# Triad

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



BE6EA4



948A3D



009AB5

# Complementary

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



BE6EA4



6EBE88

# 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.



009B92



BE6EA4



6D934D

# Square

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



BE6EA4



B47D44



38996C



0093CC

# Rectangle

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



BE6EA4



CC6D67



38996C



009BAA



# Sweetspot

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



BE6EA4



F7D7ED



876EBE



7D6976



FCFCFC



7D7D7D



# Same Dimension

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



BE6EA4



F779CE



BE6E7D



5E555B



9E006B



1F0015



# Inverse Universe

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



BE6EA4



F779CE



6EBEAF



5E555B



9E006B

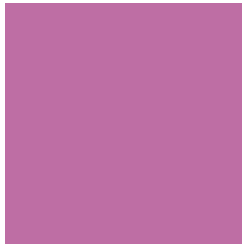


1F0015



# Previews

## White Background



This preview shows how the Hex color BE6EA4 looks on a white background.

## Color Contrast Check

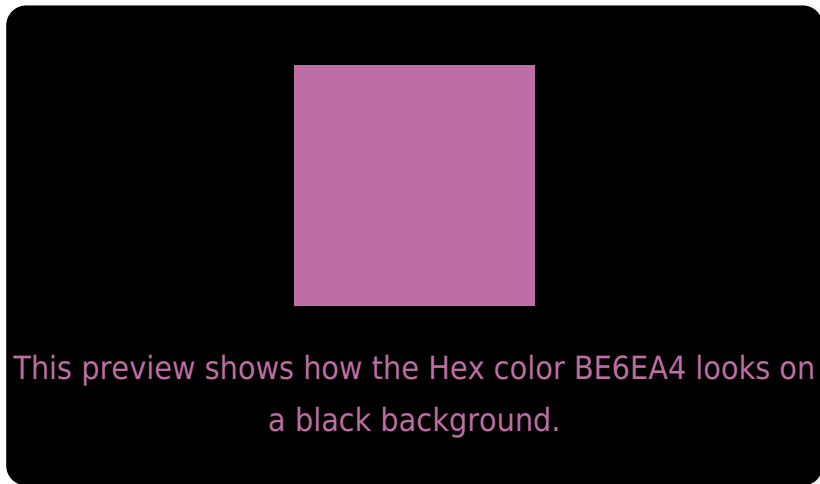
Large Text (above 18pt) WCAG AA ✓ Pass

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

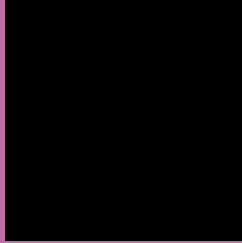
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE6EA4 Background



This preview shows how black text looks on a background with the Hex color BE6EA4.




This preview shows how white text looks on a background with the Hex color BE6EA4.

# 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](#).

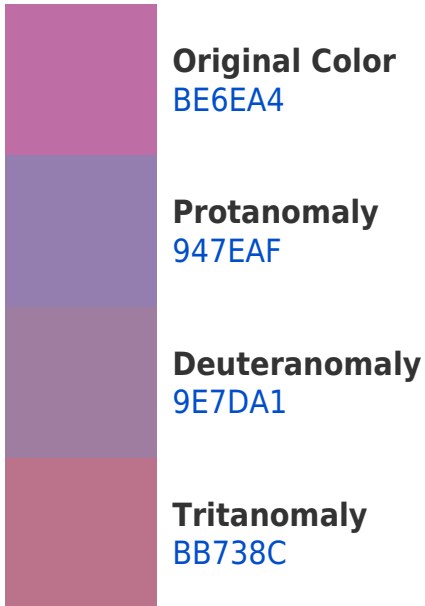
## Dichromacy





**Tritanopia**  
BA767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE6EA4 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 #BE6EA4 looks like.

```
.text, #text, p{  
    color:#BE6EA4  
}
```

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 #BE6EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6EA4
}
```

## Border

The CSS property to change the border of an element to Hex BE6EA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

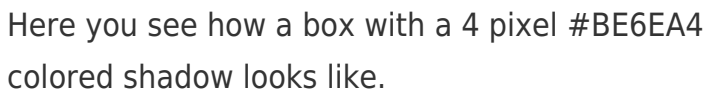
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE6EA4 }
```

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

```
.border{ border-color:#BE6EA4 }
```

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



Here you see how a box with a 4 pixel #BE6EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6EA4; -webkit-box-shadow:4px 4px  
4px 4px #BE6EA4; box-shadow:4px 4px 4px  
4px #BE6EA4 }
```

# Background

The CSS property to change the background color of an element to Hex BE6EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6EA4 }
```

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

```
.background{ background-color:#BE6EA4 }
```

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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