

Converting Colors

Hex(BE4090)

Have a look what the booklet for
Hex(BE4090) contains.

Hex(BE4090)	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(BE4090)

Conversions

Conversions Part 1

Format	Color
Hex	BE4090
RGB	190, 64, 144
RGB Percent	75%, 25%, 56%
CMY	0.2549, 0.7490, 0.4353
CMYK	0.00, 0.66, 0.24, 0.25
HSL	322°, 50%, 50%
HSV	322°, 66%, 75%
XYZ	28.1026, 16.6276, 28.1138
YIQ	110.7940, 49.4160, 51.5920

Conversions

Conversions Part 2

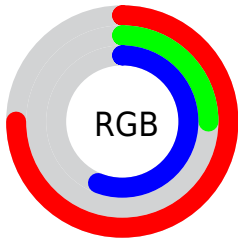
Format	Color
R_{YB}	190, 64, 144
Decimal	12468368
CIE _{Lab}	47.79, 58.15, -17.38
CIE _{LCh}	48, 60.694, 343.363
Yxy	16.6276, 0.3858, 0.2283
Android (android.graphics.Color)	4290658448 (0xFFBE4090)
YUV	110.7940, 16.3706, 69.4637
Hunter-Lab	40.7769, 51.6591, -12.3339

Details

The Hex color **BE4090** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **40BE6E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F978C6**, and **85005D** is the 20% darker color. If you saturate the color by 10%, you get **BE2D89**, and if you desaturate by 10%, it is **BE5397**.

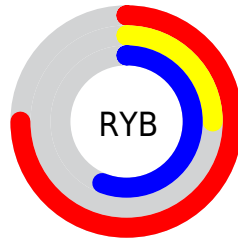
Distribution



Red (75%)

Green (25%)

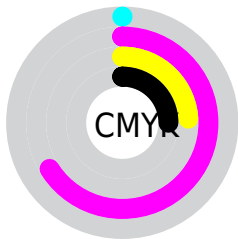
Blue (56%)



Red (75%)

Yellow (25%)

Blue (56%)

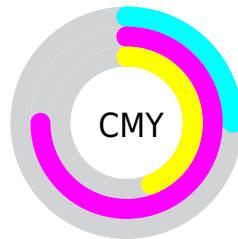


Cyan (0%)

Magenta (66%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE4090 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 BE4090 by changing the saturation by 10% instead.

 BE4090

 BE4090

FFFFFF

 A12176

 F978C6

 85005D

 FF94E2

 690046

 FFB0FF

 4E002F

 FFCDFE

 35001B

 FFEAFF

 0E0000

 000000

 BE4090

 BE4090

 BE2D89

 BE5397

 BE1A82

 BE669E

 BE077B

 BE79A5

 BE0079

 BE8CAC

 BE9FB3

 BEB2BA

 BEC5C1

 BED8C7

 BEEBCE

Harmonies

Analogous

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



9058BD



BE4090



CC3A5D

Triad

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



BE4090



747600



0087B7

Complementary

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



BE4090



40BE6E

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.



008988



BE4090



37811D

Square

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



BE4090



A06400



008752



007FD4

Rectangle

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



BE4090



C6453C



008752



0088A9

Sweetspot

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



BE4090



F7C6E5



6C40BE



7D5F72



FCFCFC



7D7D7D

Same Dimension

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



BE4090



F731AF



BE4053



5E555B



9E0064



1F0013

Inverse Universe

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



BE4090



F731AF



40BEAB



5E555B



9E0064



1F0013

Previews

White Background



This preview shows how the Hex color BE4090 looks on a white background.

Color Contrast Check

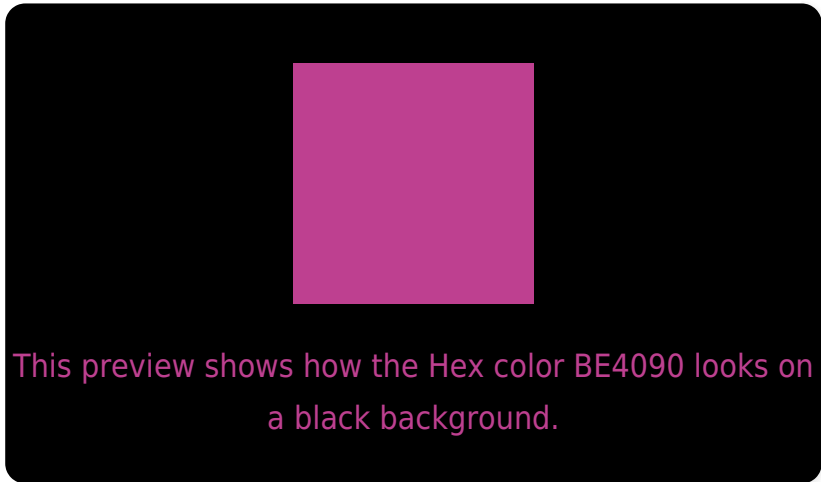
Large Text (above 18pt) WCAG AA ✓ Pass

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

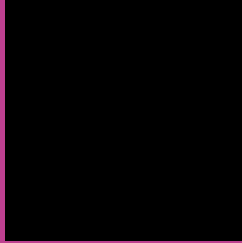
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex BE4090 Background



This preview shows how black text looks on a background with the Hex color BE4090.



This preview shows how white text looks on a background with the Hex color BE4090.

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



Trichromacy



Original Color
BE4090



Protanomaly
7E5FA7



Deuteranomaly
8E5E8C



Tritanomaly
BB4A6A

Monochromacy



Original Color
BE4090



Achromatopsia
6F6F6F



Achromatomaly
8C5E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex BE4090 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 #BE4090 looks like.

```
.text, #text, p{  
  color:#BE4090  
}
```

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 #BE4090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4090
}
```

Border

The CSS property to change the border of an element to Hex BE4090 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
#BE4090 }
```

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

```
.border{ border-color:#BE4090 }
```

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

Here you see how a box with a 4 pixel #BE4090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4090; -webkit-box-shadow:4px 4px  
4px 4px #BE4090; box-shadow:4px 4px 4px  
4px #BE4090 }
```

Background

The CSS property to change the background color of an element to Hex BE4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4090 }
```

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

```
.background{ background-color:#BE4090 }
```

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