

Converting Colors

Hex(BB6EA4)

Have a look what the booklet for
Hex(BB6EA4) contains.

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Color

Hex(**BB6EA4**)

Conversions

Conversions Part 1

Format	Color
Hex	BB6EA4
RGB	187, 110, 164
RGB Percent	73%, 43%, 64%
CMY	0.2667, 0.5686, 0.3569
CMYK	0.00, 0.41, 0.12, 0.27
HSL	318°, 36%, 58%
HSV	318°, 41%, 73%
XYZ	32.7703, 24.3970, 38.1039
YIQ	139.1790, 28.5580, 33.1180

Conversions

Conversions Part 2

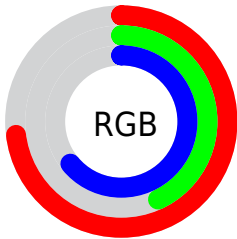
Format	Color
R _{YB}	187, 110, 164
Decimal	12283556
CIE _{Lab}	56.48, 38.18, -15.97
CIE _{LCh}	56, 41.382, 337.301
Yxy	24.3970, 0.3440, 0.2561
Android (android.graphics.Color)	4290473636 (0xFFBB6EA4)
YUV	139.1790, 12.2368, 41.9390
Hunter-Lab	49.3933, 31.9886, -11.1632

Details

The Hex color **BB6EA4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EBB85**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F4A3DB**, and **843B70** is the 20% darker color. If you saturate the color by 10%, you get **BB5B9E**, and if you desaturate by 10%, it is **BB81AA**.

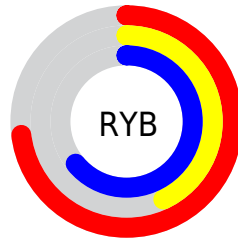
Distribution



Red (73%)

Green (43%)

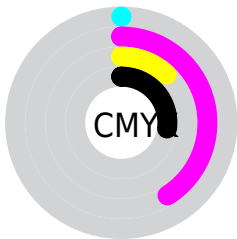
Blue (64%)



Red (73%)

Yellow (43%)

Blue (64%)

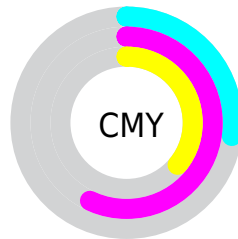


Cyan (0%)

Magenta (41%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB6EA4 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 BB6EA4 by changing the saturation by 10% instead.

 BB6EA4

 BB6EA4

FFFFFF

 9F548A

 F4A3DB

 843B70

 FFBF8

 6A2258

 FFDBFF

 500540

 FFF8FF

 37002A

 200015

 000000

 BB6EA4

 BB6EA4

 BB5B9E

 BB81AA

 BB4999

 BB93AF

 BB3693

 BBA6B5

 BB238E

 BBB9BA

 BB1188

 BBCCC0

 BB0083

 BBDEC6

 BBF1CB

 BBFFD1

 BBFFD6

Harmonies

Analogous

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



967BC1



BB6EA4



CB6980

Triad

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



BB6EA4



95883E



0098B2

Complementary

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



BB6EA4



6EBB85

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.



009A8F



BB6EA4



6E924C

Square

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



BB6EA4



B37C45



3C986A



0093C9

Rectangle

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



BB6EA4



CA6C68



3C986A



0099A7

Sweetspot

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



BB6EA4



F2D5EA



846EBB



7A6975



FAFAFA



7A7A7A

Same Dimension

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



BB6EA4



F27CCF



BB6E7F



5E555C



9E006F



1F0015

Inverse Universe

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



BB6EA4



F27CCF



6EBBAA



5E555C



9E006F



1F0015

Previews

White Background



This preview shows how the Hex color BB6EA4 looks on a white background.

Color Contrast Check

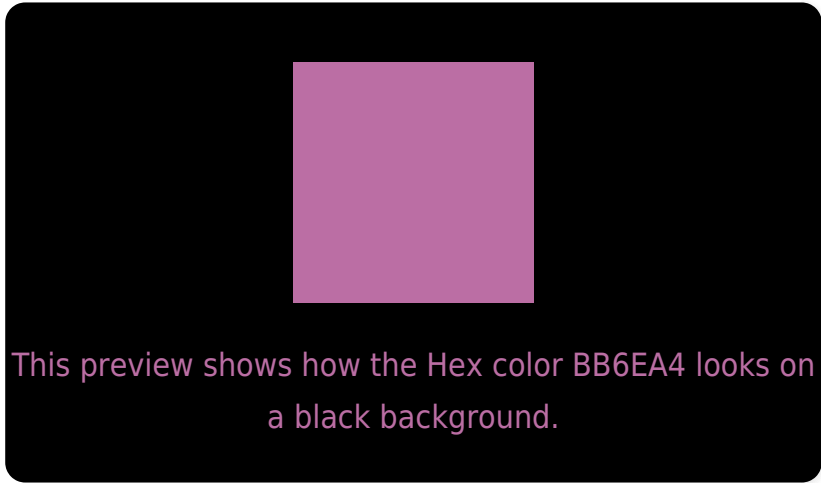
Large Text (above 18pt) WCAG AA ✓ Pass

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

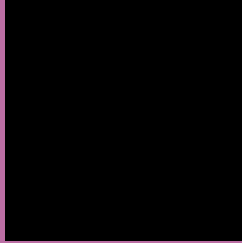
Any Text WCAG AA ✓ Pass

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 BB6EA4 Background



This preview shows how black text looks on a background with the Hex color BB6EA4.



This preview shows how white text looks on a background with the Hex color BB6EA4.

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



Original Color
BB6EA4

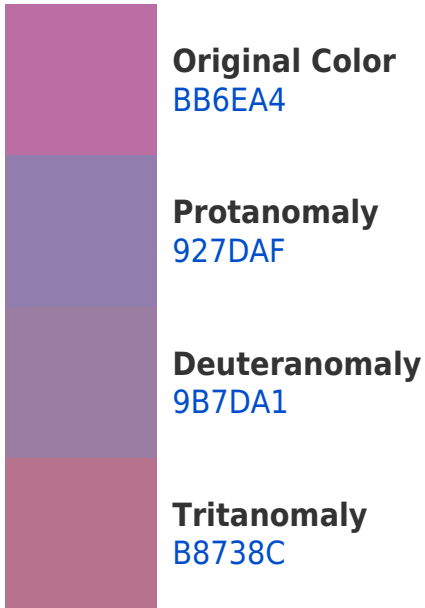
Protanopia
7B86B5

Deuteranopia
8985A0



Tritanopia
B7767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB6EA4 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 #BB6EA4 looks like.

```
.text, #text, p{  
    color:#BB6EA4  
}
```

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 #BB6EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6EA4
}
```

Border

The CSS property to change the border of an element to Hex BB6EA4 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
#BB6EA4 }
```

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

```
.border{ border-color:#BB6EA4 }
```

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

Here you see how a box with a 4 pixel #BB6EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6EA4; -webkit-box-shadow:4px 4px  
4px 4px #BB6EA4; box-shadow:4px 4px 4px  
4px #BB6EA4 }
```

Background

The CSS property to change the background color of an element to Hex BB6EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6EA4 }
```

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

```
.background{ background-color:#BB6EA4 }
```

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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