

Converting Colors

Hex(BB5BA5)

Have a look what the booklet for
Hex(BB5BA5) contains.

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Color

Hex(BB5BA5)

Conversions

Conversions Part 1

Format	Color
Hex	BB5BA5
RGB	187, 91, 165
RGB Percent	73%, 36%, 65%
CMY	0.2667, 0.6431, 0.3529
CMYK	0.00, 0.51, 0.12, 0.27
HSL	314°, 41%, 55%
HSV	314°, 51%, 73%
XYZ	31.0261, 20.7636, 37.9698
YIQ	128.1400, 33.4620, 43.3660

Conversions

Conversions Part 2

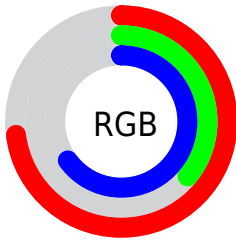
Format	Color
R _{YB}	187, 91, 165
Decimal	12278693
CIE Lab	52.69, 48.19, -22.34
CIE LCh	53, 53.121, 335.127
Yxy	20.7636, 0.3457, 0.2313
Android (android.graphics.Color)	4290468773 (0xFFBB5BA5)
YUV	128.1400, 18.1720, 51.6202
Hunter-Lab	45.5671, 41.7964, -17.5078

Details

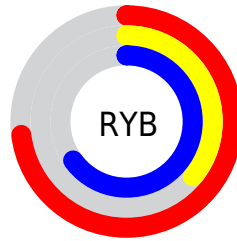
The Hex color **BB5BA5** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BBB71**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F591DC**, and **832571** is the 20% darker color. If you saturate the color by 10%, you get **BB48A1**, and if you desaturate by 10%, it is **BB6EA9**.

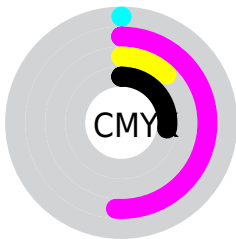
Distribution



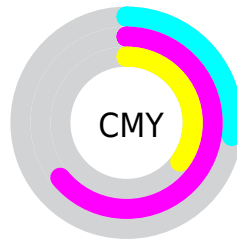
- Red (73%)
- Green (36%)
- Blue (65%)



- Red (73%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (27%)



- Cyan (27%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5BA5 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 BB5BA5 by changing the saturation by 10% instead.

 BB5BA5

 BB5BA5

FFFFFF

 9F418B

 F591DC

 832571

 FFACF9

 680158

 FFC8FF

 4E0041

 FFE5FF

 36002B

 190015

 000000

 BB5BA5

 BB5BA5

 BB48A1

 BB6EA9

 BB369C

 BB80AE

 BB2398

 BB93B2

 BB1094

 BBA6B6

 BB0090

 BBB9BA

 BBCBBF

 BBDEC3

 BBF1C7

 BBFFCC

Harmonies

Analogous

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



896EC9



BB5BA5



D05278

Triad

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



BB5BA5



8E7E17



0092B1

Complementary

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



BB5BA5



5BBB71

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.



009484



BB5BA5



5F8A2D

Square

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



BB5BA5



B36D28



009155



008DD0

Rectangle

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



BB5BA5



CF565A



009155



0093A3

Sweetspot

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



BB5BA5



F2CEEA



705BBB



7A6475



FAFAFA



7A7A7A

Same Dimension

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



BB5BA5



F25CD0



BB5B76



5E555C



9E007A



1F0018

Inverse Universe

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



BB5BA5



F25CD0



5BBBA0



5E555C



9E007A



1F0018

Previews

White Background



This preview shows how the Hex color BB5BA5 looks on a white background.

Color Contrast Check

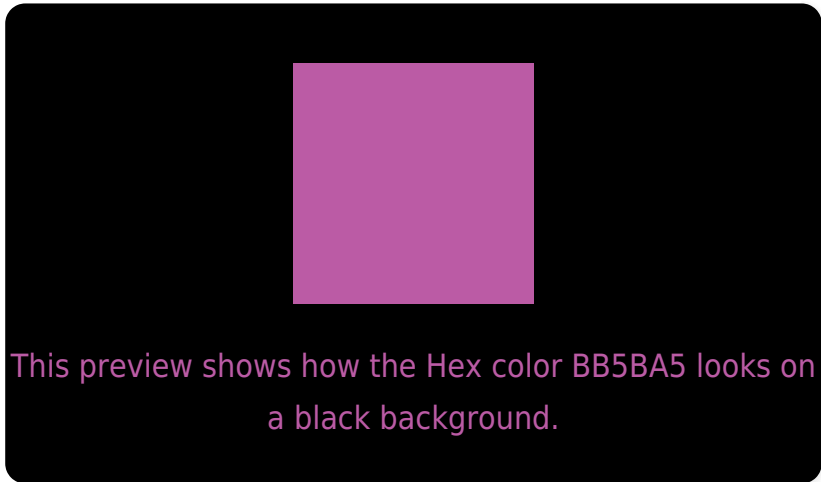
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB5BA5 Background



This preview shows how black text looks on a background with the Hex color BB5BA5.

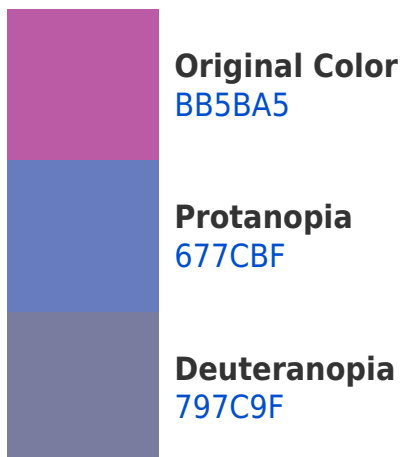



This preview shows how white text looks on a background with the Hex color BB5BA5.

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](#).

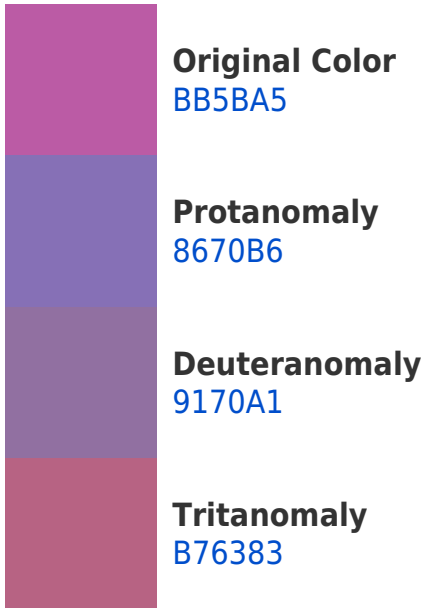
Dichromacy



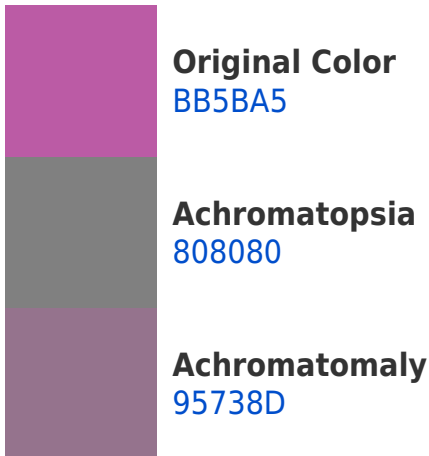


Tritanopia
B5676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB5BA5 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 #BB5BA5 looks like.

```
.text, #text, p{  
    color:#BB5BA5  
}
```

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 #BB5BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5BA5
}
```

Border

The CSS property to change the border of an element to Hex BB5BA5 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
#BB5BA5 }
```

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

```
.border{ border-color:#BB5BA5 }
```

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

Here you see how a box with a 4 pixel #BB5BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5BA5; -webkit-box-shadow:4px 4px  
4px 4px #BB5BA5; box-shadow:4px 4px 4px  
4px #BB5BA5 }
```

Background

The CSS property to change the background color of an element to Hex BB5BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5BA5 }
```

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

```
.background{ background-color:#BB5BA5 }
```

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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