

# Converting Colors

Hex(BA5DD5)

Have a look what the booklet for  
Hex(BA5DD5) contains.

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# Color

Hex(BA5DD5)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA5DD5
RGB	186, 93, 213
RGB Percent	73%, 36%, 84%
CMY	0.2706, 0.6353, 0.1647
CMYK	0.13, 0.56, 0.00, 0.16
HSL	286°, 59%, 60%
HSV	286°, 56%, 84%
XYZ	36.1743, 23.0719, 65.4975
YIQ	134.4870, 16.9080, 57.0360

# Conversions

## Conversions Part 2

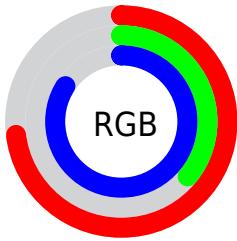
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 93, 213
Decimal	12213717
CIELab	55.15, 55.68, -46.16
CIELCh	55, 72.330, 320.338
Yxy	23.0719, 0.2900, 0.1850
Android (android.graphics.Color)	4290403797 (0xFFBA5DD5)
YUV	134.4870, 38.7069, 45.1769
Hunter-Lab	48.0332, 50.3720, -47.2239

# Details

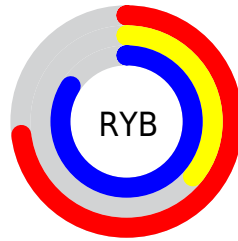
The Hex color **BA5DD5** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **78D55D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F493FF**, and **82269E** is the 20% darker color. If you saturate the color by 10%, you get **B548D5**, and if you desaturate by 10%, it is **BF72D5**.

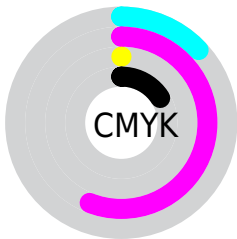
# Distribution



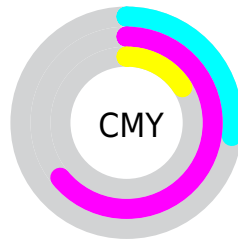
- Red (73%)
- Green (36%)
- Blue (84%)



- Red (73%)
- Yellow (36%)
- Blue (84%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (64%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA5DD5 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 BA5DD5 by changing the saturation by 10% instead.



 BA5DD5

 BA5DD5

FFFFFF

 9E42B9

 F493FF

 82269E

 FFAFFF

 660083

 FFCBFF

 4C0069

 FFE8FF

 310051

 170039

 000222

 000008

 000000

 BA5DD5

 BA5DD5

 B548D5

 BF72D5

 B032D5

 C488D5

 AC1DD5

 C89DD5

 A708D5

 CDB2D5

 A500D5

 D2C8D5

 D7DDD5

 DCF2D5

 E0FFD5

 E5FFD5

# Harmonies

## Analogous

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



4E7CFB



BA5DD5



E83E9B

# Triad

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



BA5DD5



B07A00



00A0AE

# Complementary

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



BA5DD5



78D55D

# 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.



009F6D



BA5DD5



778E00

# Square

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



BA5DD5



DB5E20



0E992B



009CE4

# Rectangle

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



BA5DD5



F23A71



0E992B



00A099



# Sweetspot

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



BA5DD5



F5D4FF



5D79D5



7A6680



000000



808080



# Same Dimension

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



BA5DD5



D852FF



D55DB5



69606B



8400AB



22002B



# Inverse Universe

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



D55D78



FF5279



5DD57D



6B6063



AB0026

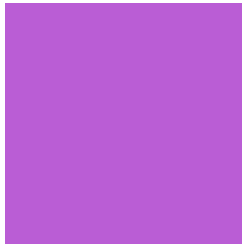


2B000A



# Previews

## White Background



This preview shows how the Hex color BA5DD5 looks on a white background.

## Color Contrast Check

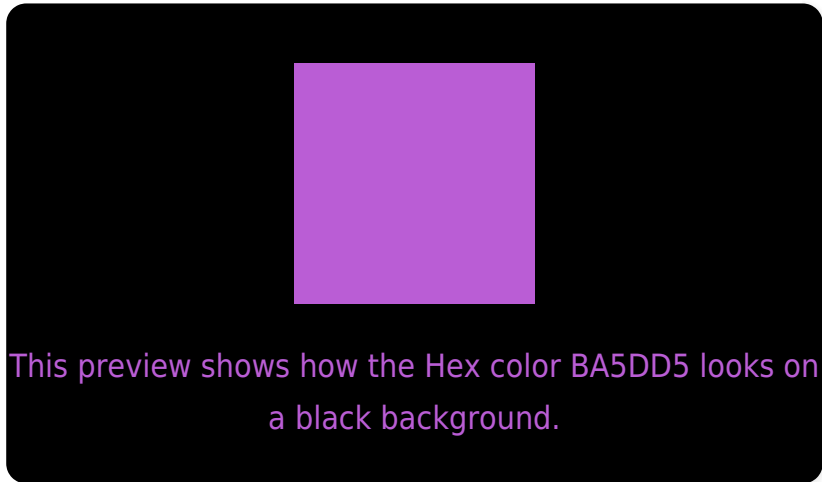
Large Text (above 18pt) WCAG AA ✓ Pass

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

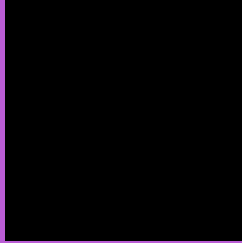
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA5DD5 Background



This preview shows how black text looks on a background with the Hex color BA5DD5.

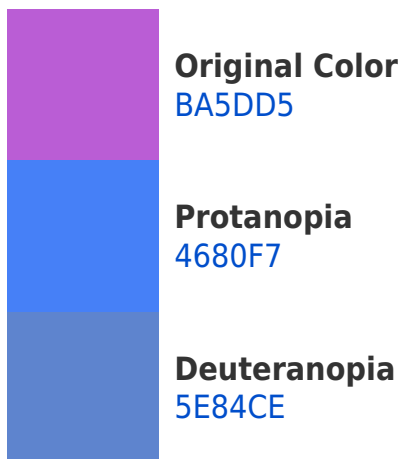


This preview shows how white text looks on a background with the Hex color BA5DD5.

# 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](#).

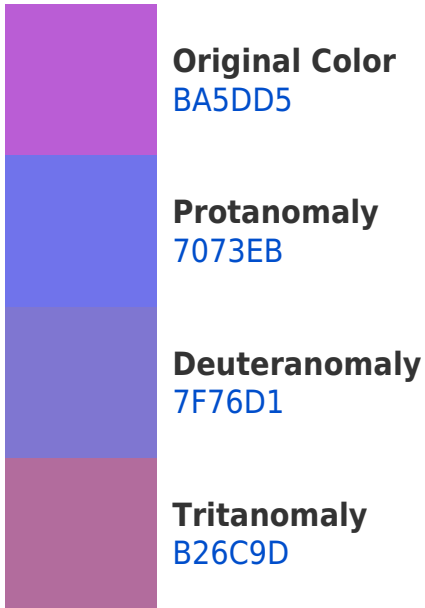
## Dichromacy



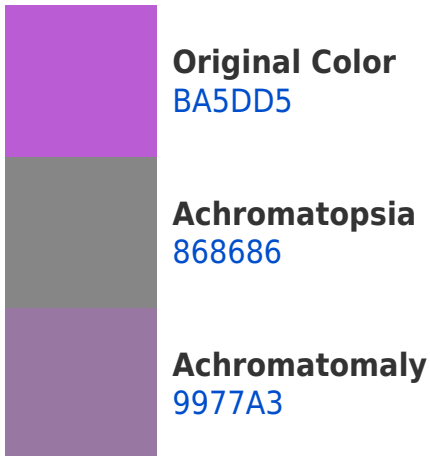


**Tritanopia**  
AE747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA5DD5 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 #BA5DD5 looks like.

```
.text, #text, p{  
    color:#BA5DD5  
}
```

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 #BA5DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA5DD5
}
```

## Border

The CSS property to change the border of an element to Hex BA5DD5 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
#BA5DD5 }
```

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

```
.border{ border-color:#BA5DD5 }
```

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

Here you see how a box with a 4 pixel #BA5DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA5DD5; -webkit-box-shadow:4px 4px  
4px 4px #BA5DD5; box-shadow:4px 4px 4px  
4px #BA5DD5 }
```

# Background

The CSS property to change the background color of an element to Hex BA5DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA5DD5 }
```

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

```
.background{ background-color:#BA5DD5 }
```

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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