

Converting Colors

Hex(B955DA)

Have a look what the booklet for
Hex(B955DA) contains.

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Color

Hex(B955DA)

Conversions

Conversions Part 1

Format	Color
Hex	B955DA
RGB	185, 85, 218
RGB Percent	73%, 33%, 85%
CMY	0.2745, 0.6667, 0.1451
CMYK	0.15, 0.61, 0.00, 0.15
HSL	285°, 64%, 59%
HSV	285°, 61%, 85%
XYZ	35.9110, 21.8732, 68.6589
YIQ	130.0620, 16.9070, 62.5630

Conversions

Conversions Part 2

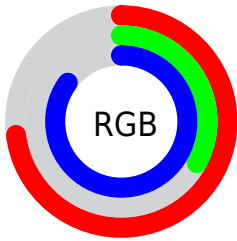
Format	Color
R _Y B	185, 85, 218
Decimal	12146138
CIE Lab	53.89, 60.21, -51.00
CIE LCh	54, 78.903, 319.732
Yxy	21.8732, 0.2840, 0.1730
Android (android.graphics.Color)	4290336218 (0xFFB955DA)
YUV	130.0620, 43.3534, 48.1806
Hunter-Lab	46.7688, 55.2139, -54.3024

Details

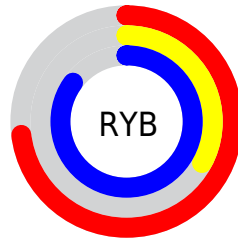
The Hex color **B955DA** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **76DA55**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F48CFF**, and **801AA2** is the 20% darker color. If you saturate the color by 10%, you get **B43FDA**, and if you desaturate by 10%, it is **BE6BDA**.

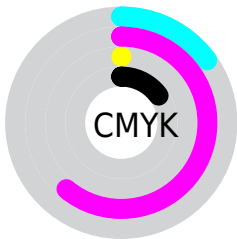
Distribution



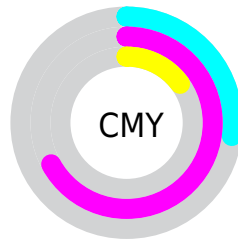
- Red (73%)
- Green (33%)
- Blue (85%)



- Red (73%)
- Yellow (33%)
- Blue (85%)



- Cyan (15%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B955DA 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 B955DA by changing the saturation by 10% instead.

 B955DA

 B955DA

FFFFFF

 9C39BE

 F48CFF

 801AA2

 FFA8FF

 650087


 FFC4FF

 49006E

 FFE1FF

 2E0054

FFFEFF

 11003C

 000225

 00010E

 000000

 B955DA

 B955DA

 B43FDA

 BE6BDA

 AE29DA

 C481DA

 A914DA

 C996DA

 A400DA

 CFACDA

 D4C2DA

 D9D8DA

 DFEEDA

 E4FFDA

 EAFFDA

Harmonies

Analogous

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



3179FF



B955DA



EC2A9B

Triad

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



B955DA



AF7600



009EAD

Complementary

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



B955DA



76DA55

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.



009C66



B955DA



728B00

Square

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



B955DA



DD5411



009719



009BE9

Rectangle

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



B955DA



F6226E



009719



009E96

Sweetspot

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



B955DA



F4D1FF



5576DA



796380



000000



808080

Same Dimension

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



B955DA



D145FF



DA55B9



6B636E



8200AD



23002E

Inverse Universe

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



DA5576



FF4573



55DA76



6E6365



AD002B



2E000B

Previews

White Background



This preview shows how the Hex color B955DA 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

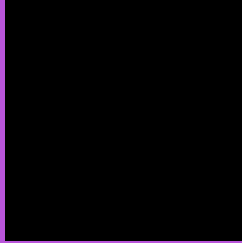
Any Text WCAG AA ✓ Pass

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 B955DA Background



This preview shows how black text looks on a background with the Hex color B955DA.

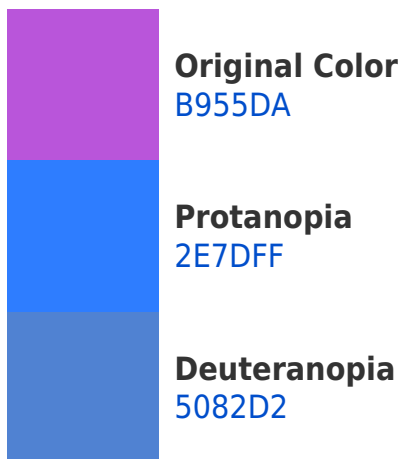


This preview shows how white text looks on a background with the Hex color B955DA.

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](#).

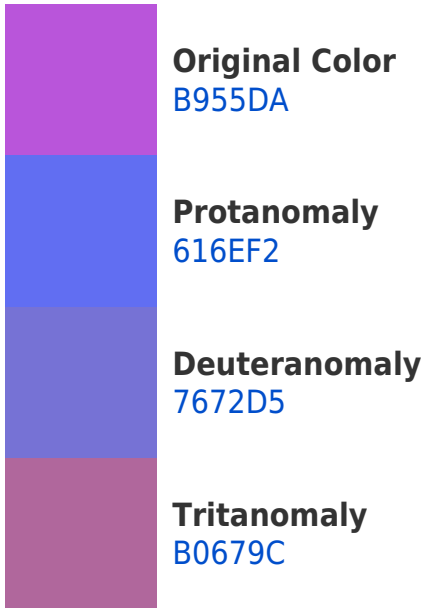
Dichromacy



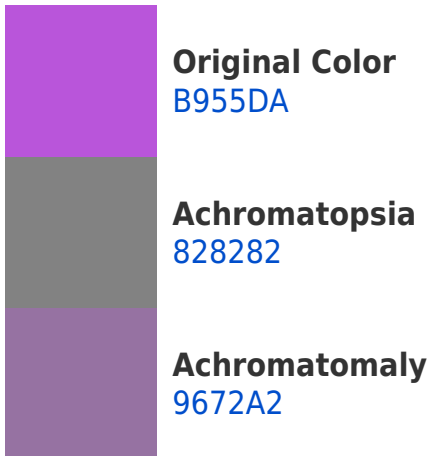


Tritanopia
AB7179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B955DA 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 #B955DA looks like.

```
.text, #text, p{  
    color:#B955DA  
}
```

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 #B955DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B955DA
}
```

Border

The CSS property to change the border of an element to Hex B955DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

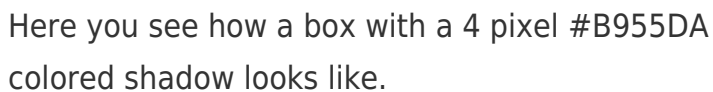
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B955DA }
```

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

```
.border{ border-color:#B955DA }
```

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



Here you see how a box with a 4 pixel #B955DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B955DA; -webkit-box-shadow:4px 4px  
4px 4px #B955DA; box-shadow:4px 4px 4px  
4px #B955DA }
```

Background

The CSS property to change the background color of an element to Hex B955DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B955DA }
```

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

```
.background{ background-color:#B955DA }
```

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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