

Converting Colors

Hex(B358C6)

Have a look what the booklet for
Hex(B358C6) contains.

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Color

Hex(B358C6)

Conversions

Conversions Part 1

Format	Color
Hex	B358C6
RGB	179, 88, 198
RGB Percent	70%, 35%, 78%
CMY	0.2980, 0.6549, 0.2235
CMYK	0.10, 0.56, 0.00, 0.22
HSL	290°, 49%, 56%
HSV	290°, 56%, 78%
XYZ	32.2732, 20.6404, 55.7091
YIQ	127.7490, 18.9260, 53.5020

Conversions

Conversions Part 2

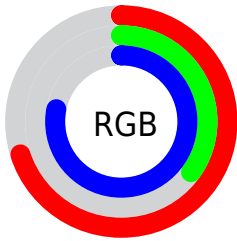
Format	Color
R _Y B	179, 88, 198
Decimal	11753670
CIE Lab	52.55, 53.33, -41.77
CIE LCh	53, 67.741, 321.934
Yxy	20.6404, 0.2971, 0.1900
Android (android.graphics.Color)	4289943750 (0xFFB358C6)
YUV	127.7490, 34.6337, 44.9471
Hunter-Lab	45.4317, 47.2951, -40.9002

Details

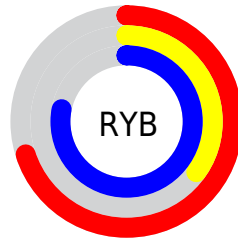
The Hex color **B358C6** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **6BC658**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ED8EFF**, and **7B2190** is the 20% darker color. If you saturate the color by 10%, you get **B044C6**, and if you desaturate by 10%, it is **B66CC6**.

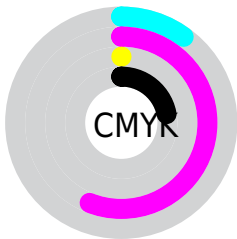
Distribution



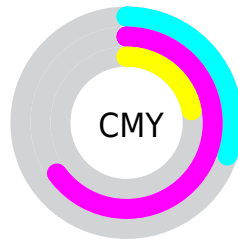
- Red (70%)
- Green (35%)
- Blue (78%)



- Red (70%)
- Yellow (35%)
- Blue (78%)



- Cyan (10%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B358C6 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 B358C6 by changing the saturation by 10% instead.

 B358C6

 B358C6

FFFFFF

 973DAA

 ED8EFF

 7B2190

 FFA9FF

 600075

 FFC6FF

 46005C

 FFE2FF

 2E0044

 0E002D

 000117

 000000

 B358C6

 B358C6

 B044C6

 B66CC6

 AC30C6

 BA80C6

 A91DC6

 BD93C6

 A509C6

 C1A7C6

 A400C6

 C4BBC6

 C8CFC6

 CBE3C6

 CEF6C6

 D2FFC6

Harmonies

Analogous

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



5675EA



B358C6



DC3E90

Triad

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



B358C6



A47500



0097A7

Complementary

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



B358C6



6BC658

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.



00966B



B358C6



6E8700

Square

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



B358C6



CD5C1F



08912F



0094D9

Rectangle

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



B358C6



E43C69



08912F



009794

Sweetspot

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



B358C6



F8D4FF



586CC6



7B6680



000000



808080

Same Dimension

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



B358C6



E154FF



C658A3



625A63



8700A3



1E0024

Inverse Universe

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



C6586B



FF5472



58C67B



635A5B



A3001C



240006

Previews

White Background



This preview shows how the Hex color B358C6 looks on a white background.

Color Contrast Check

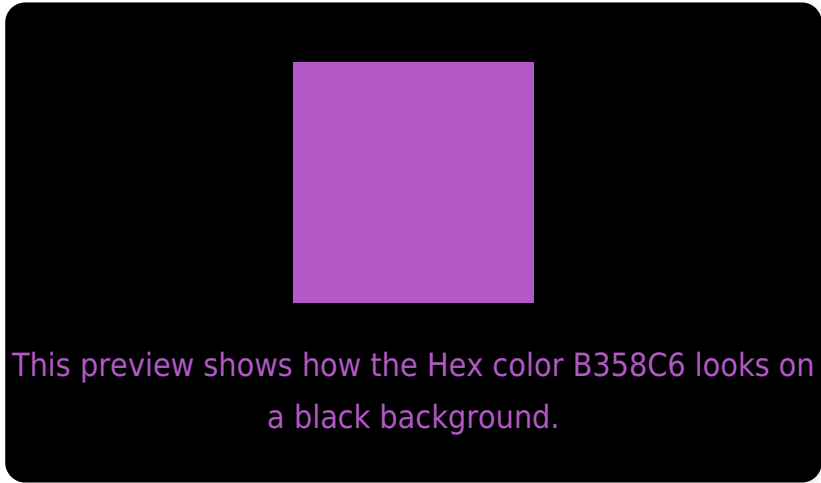
Large Text (above 18pt) WCAG AA ✓ Pass

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

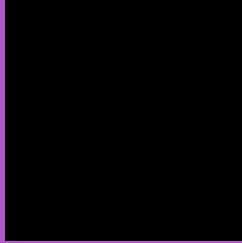
Any Text WCAG AA ✓ Pass

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 B358C6 Background



This preview shows how black text looks on a background with the Hex color B358C6.

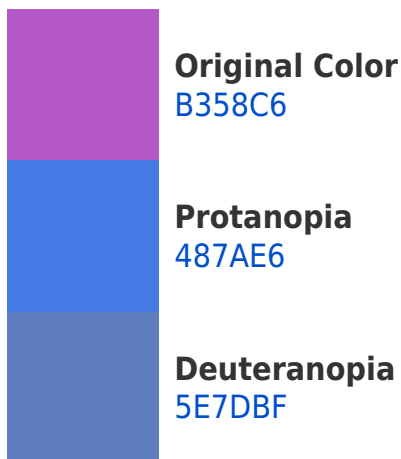


This preview shows how white text looks on a background with the Hex color B358C6.

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](#).

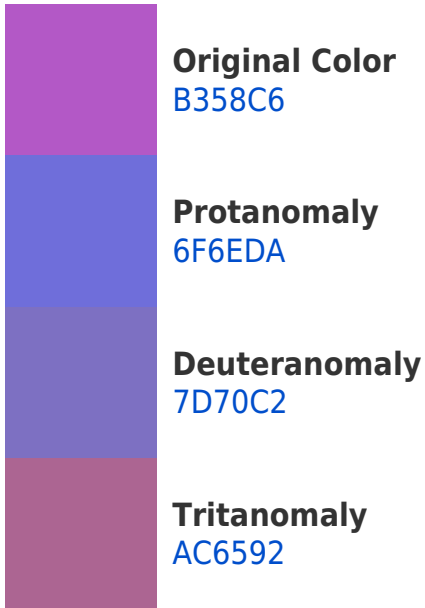
Dichromacy



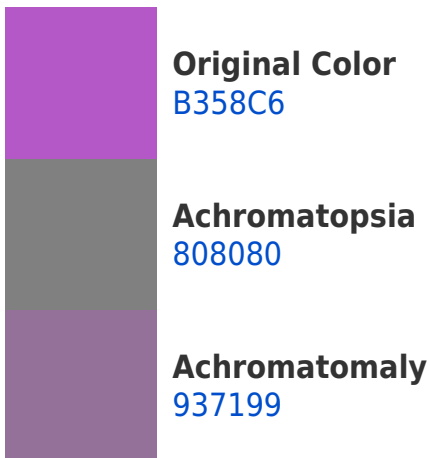


Tritanopia
A86D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B358C6 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 #B358C6 looks like.

```
.text, #text, p{  
    color:#B358C6  
}
```

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 #B358C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B358C6
}
```

Border

The CSS property to change the border of an element to Hex B358C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

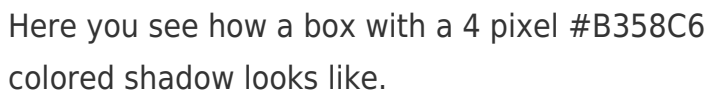
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B358C6 }
```

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

```
.border{ border-color:#B358C6 }
```

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



Here you see how a box with a 4 pixel #B358C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B358C6; -webkit-box-shadow:4px 4px  
4px 4px #B358C6; box-shadow:4px 4px 4px  
4px #B358C6 }
```

Background

The CSS property to change the background color of an element to Hex B358C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B358C6 }
```

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

```
.background{ background-color:#B358C6 }
```

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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