

# Converting Colors

Hex(B658A2)

Have a look what the booklet for  
Hex(B658A2) contains.

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**Color**

**Hex(B658A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B658A2
RGB	182, 88, 162
RGB Percent	71%, 35%, 64%
CMY	0.2863, 0.6549, 0.3647
CMYK	0.00, 0.52, 0.11, 0.29
HSL	313°, 39%, 53%
HSV	313°, 52%, 71%
XYZ	29.3027, 19.5332, 36.4083
YIQ	124.5420, 32.2700, 42.9420

# Conversions

## Conversions Part 2

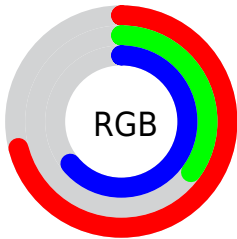
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 88, 162
Decimal	11950242
CIE <sub>Lab</sub>	51.31, 47.67, -22.77
CIE <sub>LCh</sub>	51, 52.826, 334.462
Yxy	19.5332, 0.3438, 0.2291
Android (android.graphics.Color)	4290140322 (0xFFB658A2)
YUV	124.5420, 18.4668, 50.3907
Hunter-Lab	44.1963, 41.0041, -17.9048

# Details

The Hex color **B658A2** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **58B66C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F08DD9**, and **7F226E** is the 20% darker color. If you saturate the color by 10%, you get **B6469E**, and if you desaturate by 10%, it is **B66AA6**.

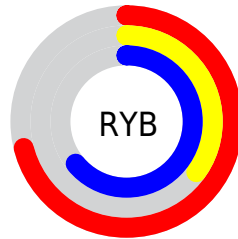
# Distribution



Red (71%)

Green (35%)

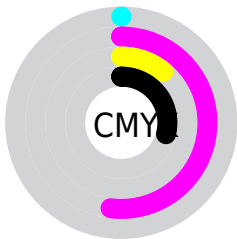
Blue (64%)



Red (71%)

Yellow (35%)

Blue (64%)

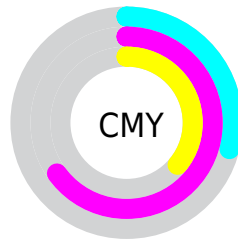


Cyan (0%)

Magenta (52%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (65%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B658A2 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 B658A2 by changing the saturation by 10% instead.



 B658A2

 B658A2

FFFFFF

 9A3E88

 F08DD9

 7F226E

 FFA9F6

 640056

 FFC5FF

 4A003E

 FFE1FF

 330028

 100012

 000000

 B658A2

 B658A2

 B6469E

 B66AA6

 B6349A

 B67CAA

 B62196

 B68FAE

 B60F93

 B6A1B1

 B6008F

 B6B3B5

 B6C5B9

 B6D7BD

 B6EAC1

 B6FCC5

# Harmonies

## Analogous

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



846BC5



B658A2



CB4F75

# Triad

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



B658A2



8B7A13



008FAC

# Complementary

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



B658A2



58B66C

# 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.



009080



B658A2



5C8629

# Square

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



B658A2



B06926



008D51



0089CB

# Rectangle

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



B658A2



CB5358



008D51



008F9E



# Sweetspot

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



B658A2



EDCAE6



6B58B6



786273



F7F7F7



787878



# Same Dimension

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



B658A2



ED5ACE



B65874



5C535A



9C007A



1C0016



# Inverse Universe

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



B658A2



ED5ACE



58B69A



5C535A



9C007A



1C0016



# Previews

## White Background



This preview shows how the Hex color B658A2 looks on a white background.

## Color Contrast Check

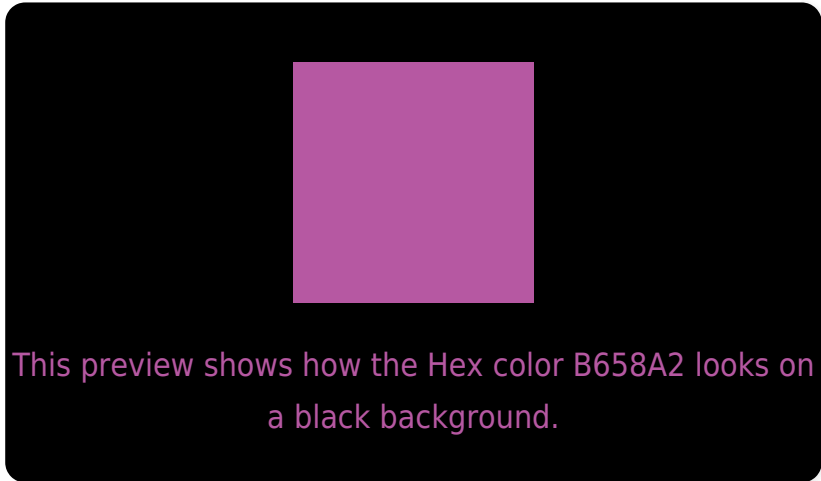
Large Text (above 18pt) WCAG AA ✓ Pass

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

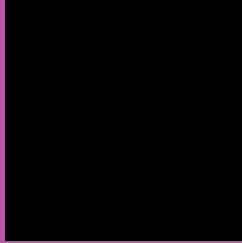
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B658A2 Background



This preview shows how black text looks on a background with the Hex color B658A2.




This preview shows how white text looks on a background with the Hex color B658A2.

# 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](#).

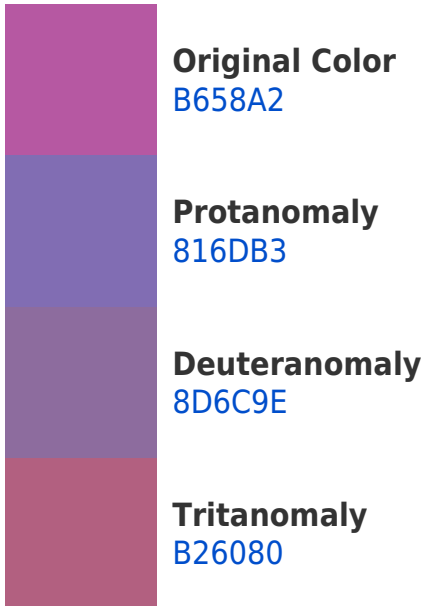
## Dichromacy





**Tritanopia**  
B0646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B658A2 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 #B658A2 looks like.

```
.text, #text, p{  
    color:#B658A2  
}
```

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 #B658A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B658A2
}
```

## Border

The CSS property to change the border of an element to Hex B658A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

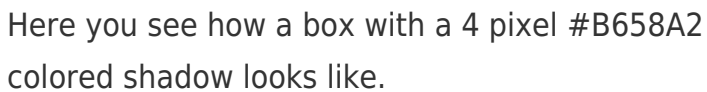
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B658A2 }
```

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

```
.border{ border-color:#B658A2 }
```

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



Here you see how a box with a 4 pixel #B658A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B658A2; -webkit-box-shadow:4px 4px  
4px 4px #B658A2; box-shadow:4px 4px 4px  
4px #B658A2 }
```

# Background

The CSS property to change the background color of an element to Hex B658A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B658A2 }
```

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

```
.background{ background-color:#B658A2 }
```

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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