

# Converting Colors

Hex(658BA1)

Have a look what the booklet for  
Hex(658BA1) contains.

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# Color

**Hex(658BA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	658BA1
RGB	101, 139, 161
RGB Percent	40%, 55%, 63%
CMY	0.6039, 0.4549, 0.3686
CMYK	0.37, 0.14, 0.00, 0.37
HSL	202°, 24%, 51%
HSV	202°, 37%, 63%
XYZ	21.0325, 23.8051, 37.2045
YIQ	130.1460, -29.7100, -1.2140

# Conversions

## Conversions Part 2

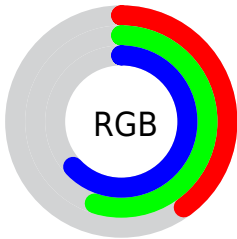
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 124, 161
Decimal	6654881
CIE <sub>Lab</sub>	55.89, -7.45, -15.87
CIE <sub>LCh</sub>	56, 17.533, 244.844
Yxy	23.8051, 0.2564, 0.2902
Android (android.graphics.Color)	4284844961 (0xFF658BA1)
YUV	130.1460, 15.2110, -25.5610
Hunter-Lab	48.7905, -8.4362, -11.0574

# Details

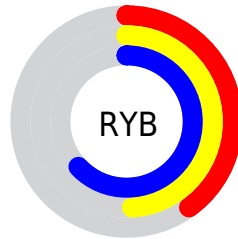
The Hex color **658BA1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A17B65**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9AC0D8**, and **32596D** is the 20% darker color. If you saturate the color by 10%, you get **5585A1**, and if you desaturate by 10%, it is **7591A1**.

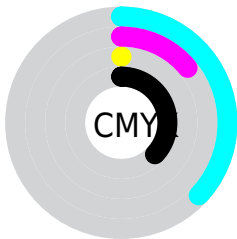
# Distribution



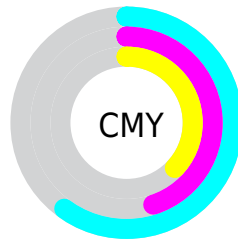
- Red (40%)
- Green (55%)
- Blue (63%)



- Red (40%)
- Yellow (49%)
- Blue (63%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (60%)
- Magenta (45%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658BA1 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 658BA1 by changing the saturation by 10% instead.





658BA1



658BA1

FFFFFF



4B7287



9AC0D8



32596D



B5DCF4



184255



D1F9FF



002C3E



EEEFFF



001828



000113



000000



658BA1



658BA1



5585A1



7591A1

■ 457FA1

■ 8597A1

■ 3579A1

■ 959DA1

■ 2573A1

■ A5A3A1

■ 146DA1

■ B5A9A1

■ 0468A1

■ C6AEA1

■ 0066A1

■ D6B4A1

■ E6BAA1

■ F6C0A1

# Harmonies

## Analogous

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



5C8E97



658BA1



7786A4

# Triad

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



658BA1



A57B84



7E8A6D

# Complementary

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



658BA1



A17B65

# 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.



8F8668



658BA1



A57D75

# Square

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



658BA1



9C7D93



9D816B



6D8D79

# Rectangle

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



658BA1



8583A1



9D816B



84896A



# Sweetspot

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



658BA1



BAC9D1



65A17B



5B6469



E8E8E8



696969



# Same Dimension

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



658BA1



73AFD1



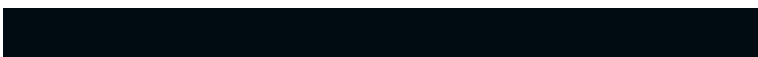
656DA1



494F52



005C91



000B12



# Inverse Universe

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



A1658B



D173AF



A19965



52494F



91005C



12000B



# Previews

## White Background



This preview shows how the Hex color 658BA1 looks on a white background.

## Color Contrast Check

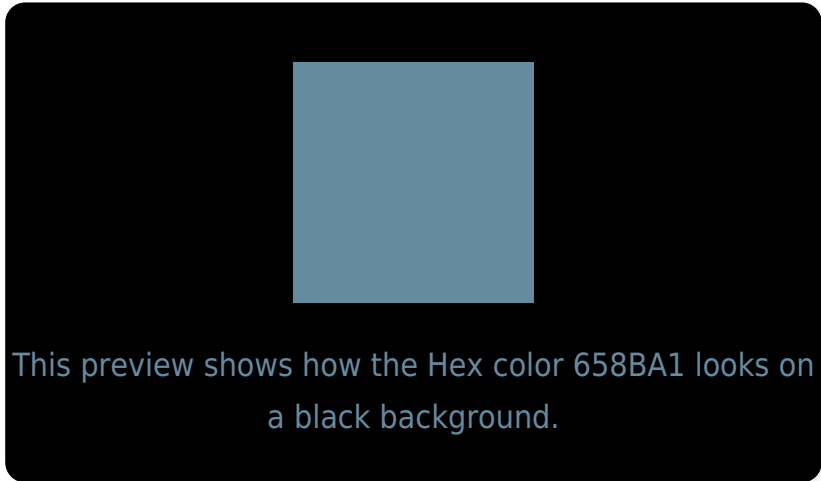
Large Text (above 18pt) WCAG AA ✓ Pass

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

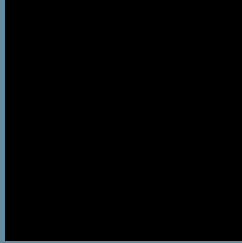
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

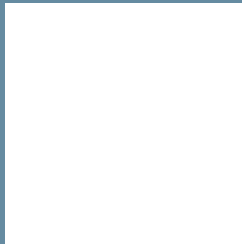
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 658BA1 Background



This preview shows how black text looks on a background with the Hex color 658BA1.

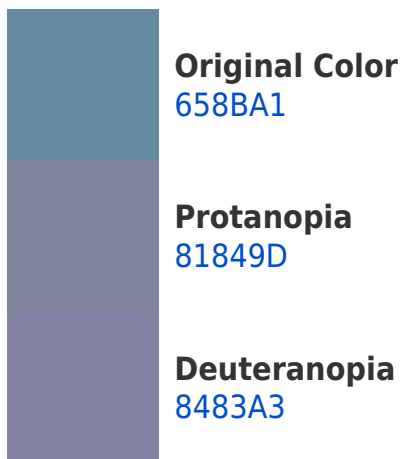



This preview shows how white text looks on a background with the Hex color 658BA1.

# 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**  
638D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658BA1 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 #658BA1 looks like.

```
.text, #text, p{  
    color:#658BA1  
}
```

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 #658BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658BA1
}
```

## Border

The CSS property to change the border of an element to Hex 658BA1 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
#658BA1 }
```

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

```
.border{ border-color:#658BA1 }
```

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

Here you see how a box with a 4 pixel #658BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658BA1; -webkit-box-shadow:4px 4px  
4px 4px #658BA1; box-shadow:4px 4px 4px  
4px #658BA1 }
```

# Background

The CSS property to change the background color of an element to Hex 658BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658BA1 }
```

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

```
.background{ background-color:#658BA1 }
```

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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