

# Converting Colors

Hex(658A95)

Have a look what the booklet for  
Hex(658A95) contains.

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# Color

Hex(658A95)

# Conversions

## Conversions Part 1

Format	Color
Hex	658A95
RGB	101, 138, 149
RGB Percent	40%, 54%, 58%
CMY	0.6039, 0.4588, 0.4157
CMYK	0.32, 0.07, 0.00, 0.42
HSL	194°, 19%, 49%
HSV	194°, 32%, 58%
XYZ	19.8801, 23.1136, 31.8473
YIQ	128.1910, -25.5830, -4.4230

# Conversions

## Conversions Part 2

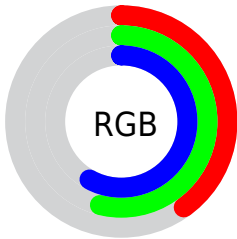
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 122, 149
Decimal	6654613
CIE <sub>Lab</sub>	55.19, -10.05, -10.02
CIE <sub>LCh</sub>	55, 14.192, 224.915
Yxy	23.1136, 0.2656, 0.3088
Android (android.graphics.Color)	4284844693 (0xFF658A95)
YUV	128.1910, 10.2588, -23.8465
Hunter-Lab	48.0766, -10.3226, -5.6218

# Details

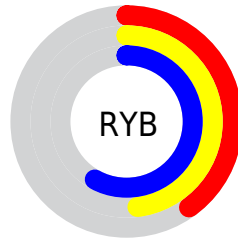
The Hex color **658A95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **957065**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **99BFCB**, and **335862** is the 20% darker color. If you saturate the color by 10%, you get **568795**, and if you desaturate by 10%, it is **748D95**.

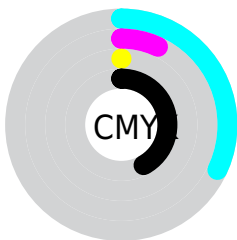
# Distribution



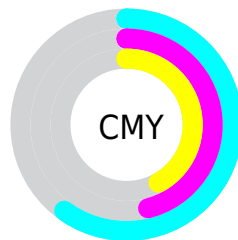
- Red (40%)
- Green (54%)
- Blue (58%)



- Red (40%)
- Yellow (48%)
- Blue (58%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (46%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658A95 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 658A95 by changing the saturation by 10% instead.



658A95

658A95

FFFFFF

4C717B

99BFCB

335862

B5DBE7

1B414A

D1F8FF

002B34

EDFFFF

00171F

000004

000000

658A95

658A95

568795

748D95

■ 478395

■ 839195

■ 388095

■ 929495

■ 297C95

■ A19895

■ 1B7995

■ B09B95

■ 0C7695

■ BE9E95

■ 007395

■ CDA295

■ DCA595

■ EBA995

# Harmonies

## Analogous

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



648B8A



658A95



6F879B

# Triad

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



658A95



997C8B



87856C

# Complementary

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



658A95



957065

# 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.



94816D



658A95



9E7C7E

# Square

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



658A95



8E7F96



9C7E73



798972

# Rectangle

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



658A95



79859C



9C7E73



8C846C



# Sweetspot

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



658A95



AEBDC2



65956F



555E61



E0E0E0



616161



# Same Dimension

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



658A95



76B0C2



657395



43484A



006A8A



00080A



# Inverse Universe

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



95658A



C276B0



958765



4A4348



8A006A



0A0008



# Previews

## White Background



This preview shows how the Hex color 658A95 looks on a white background.

## Color Contrast Check

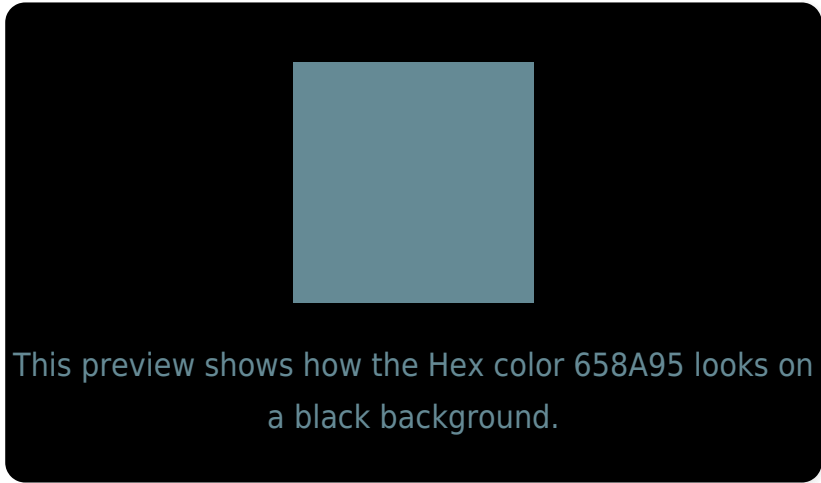
Large Text (above 18pt) WCAG AA ✓ Pass

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

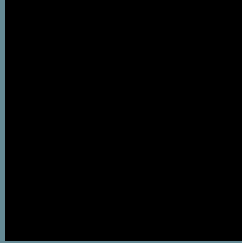
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 658A95 Background



This preview shows how black text looks on a background with the Hex color 658A95.

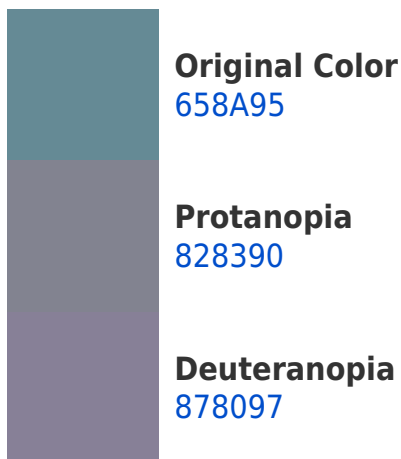



This preview shows how white text looks on a background with the Hex color 658A95.

# 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](#).

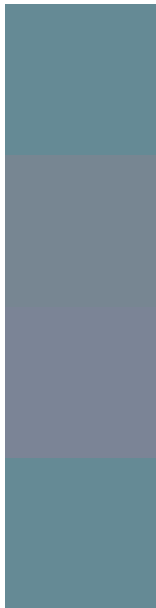
## Dichromacy





**Tritanopia**  
658A95

# Trichromacy



**Original Color**  
658A95

**Protanomaly**  
778692

**Deuteranomaly**  
7B8496

**Tritanomaly**  
658A95

# Monochromacy



**Original Color**  
658A95

**Achromatopsia**  
808080

**Achromatomaly**  
768488

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658A95 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 #658A95 looks like.

```
.text, #text, p{  
    color:#658A95  
}
```

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 #658A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658A95
}
```

## Border

The CSS property to change the border of an element to Hex 658A95 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
#658A95 }
```

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

```
.border{ border-color:#658A95 }
```

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

Here you see how a box with a 4 pixel #658A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658A95; -webkit-box-shadow:4px 4px  
4px 4px #658A95; box-shadow:4px 4px 4px  
4px #658A95 }
```

# Background

The CSS property to change the background color of an element to Hex 658A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658A95 }
```

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

```
.background{ background-color:#658A95 }
```

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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