

# Converting Colors

Hex(7A568E)

Have a look what the booklet for  
Hex(7A568E) contains.

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# Color

**Hex(7A568E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A568E
RGB	122, 86, 142
RGB Percent	48%, 34%, 56%
CMY	0.5216, 0.6627, 0.4431
CMYK	0.14, 0.39, 0.00, 0.44
HSL	279°, 25%, 45%
HSV	279°, 39%, 56%
XYZ	16.2363, 12.7461, 27.1957
YIQ	103.1480, 3.4800, 25.0480

# Conversions

## Conversions Part 2

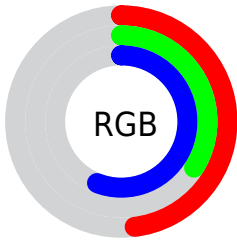
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 86, 142
Decimal	8017550
CIE <sub>Lab</sub>	42.38, 25.80, -25.30
CIE <sub>LCh</sub>	42, 36.135, 315.558
Yxy	12.7461, 0.2890, 0.2269
Android (android.graphics.Color)	4286207630 (0xFF7A568E)
YUV	103.1480, 19.1540, 16.5332
Hunter-Lab	35.7017, 18.6995, -20.1727

# Details

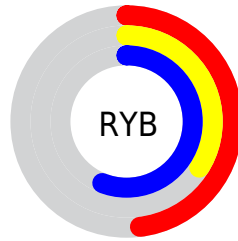
The Hex color **7A568E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6A8E56**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AF88C4**, and **48275B** is the 20% darker color. If you saturate the color by 10%, you get **75488E**, and if you desaturate by 10%, it is **7F648E**.

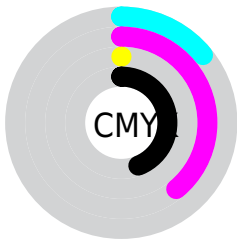
# Distribution



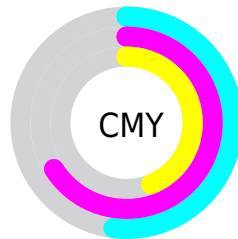
- Red (48%)
- Green (34%)
- Blue (56%)



- Red (48%)
- Yellow (34%)
- Blue (56%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (66%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A568E 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 7A568E by changing the saturation by 10% instead.



7A568E

7A568E

FFFFFF

613E74

AF88C4

48275B

CBA3E0

301244

E7BEFD

1C002D

FFDAFF

000118

FFF7FF

000000

7A568E

7A568E

75488E

7F648E

703A8E

84728E

6B2B8E

89818E

661D8E

8E8F8E

610F8E

939D8E

5C018E

98AB8E

5B008E

9DB98E

A3C88E

A8D68E

# Harmonies

## Analogous

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



4D629D



7A568E



944C74

# Triad

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



7A568E



815D29



007373

# Complementary

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



7A568E



6A8E56

# 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.



087254



7A568E



666728

# Square

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



7A568E



95523B



456E39



00718E

# Rectangle

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



7A568E



9B4A60



456E39



007369



# Sweetspot

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



7A568E



B0A2B8



566B8E



574F5C



DBDBDB



5C5C5C



# Same Dimension

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



7A568E



9961B8



8E5687



454047



570087



050008



# Inverse Universe

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



8E566A



B86180



568E5D



474043



870030



080003



# Previews

## White Background



This preview shows how the Hex color 7A568E looks on a white background.

## Color Contrast Check

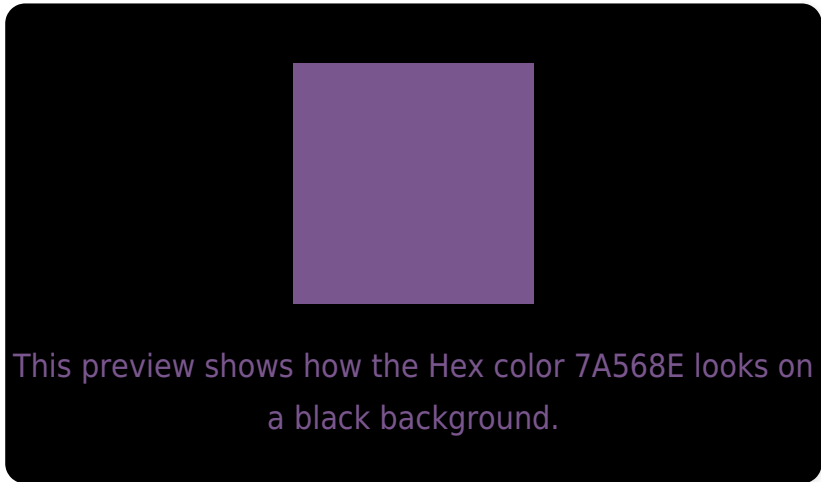
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

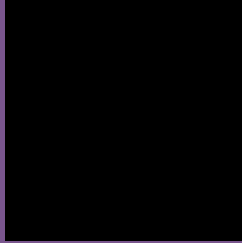
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A568E Background



This preview shows how black text looks on a background with the Hex color 7A568E.



This preview shows how white text looks on a background with the Hex color 7A568E.

# 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](#).

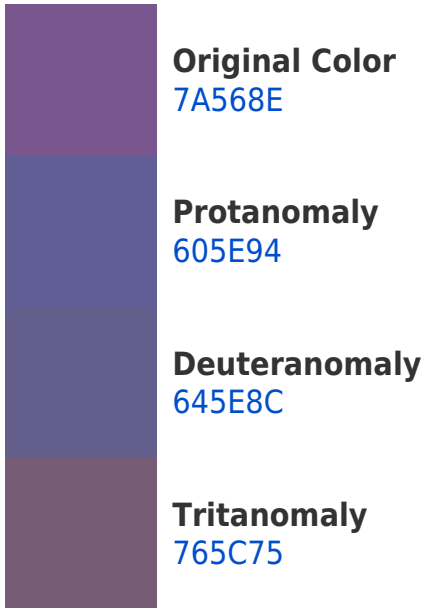
## Dichromacy



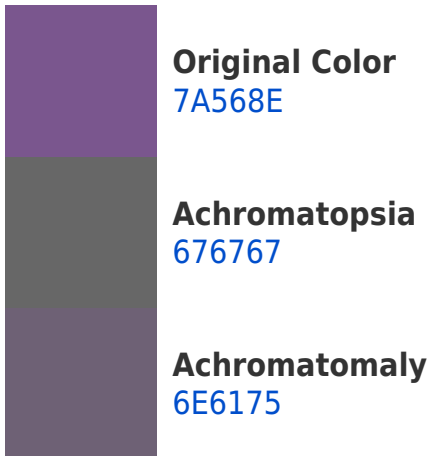


**Tritanopia**  
745F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A568E 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 #7A568E looks like.

```
.text, #text, p{  
    color:#7A568E  
}
```

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 #7A568E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A568E
}
```

## Border

The CSS property to change the border of an element to Hex 7A568E is called "border". The border property can be set on classes, ids or directly on the HTML element.

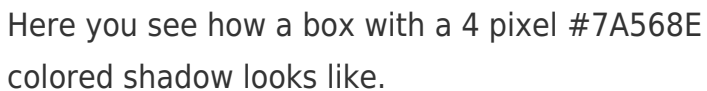
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A568E }
```

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

```
.border{ border-color:#7A568E }
```

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



Here you see how a box with a 4 pixel #7A568E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A568E; -webkit-box-shadow:4px 4px  
4px 4px #7A568E; box-shadow:4px 4px 4px  
4px #7A568E }
```

# Background

The CSS property to change the background color of an element to Hex 7A568E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A568E }
```

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

```
.background{ background-color:#7A568E }
```

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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