

Converting Colors

Hex(7A558E)

Have a look what the booklet for
Hex(7A558E) contains.

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Color

Hex(7A558E)

Conversions

Conversions Part 1

Format	Color
Hex	7A558E
RGB	122, 85, 142
RGB Percent	48%, 33%, 56%
CMY	0.5216, 0.6667, 0.4431
CMYK	0.14, 0.40, 0.00, 0.44
HSL	279°, 25%, 45%
HSV	279°, 40%, 56%
XYZ	16.1570, 12.5876, 27.1693
YIQ	102.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

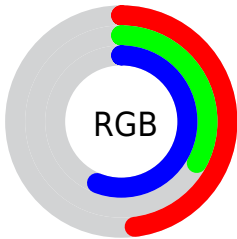
Format	Color
R_{YB}	122, 85, 142
Decimal	8017294
CIE _{Lab}	42.14, 26.39, -25.68
CIE _{LCh}	42, 36.826, 315.787
Yxy	12.5876, 0.2890, 0.2251
Android (android.graphics.Color)	4286207374 (0xFF7A558E)
YUV	102.5610, 19.4434, 17.0480
Hunter-Lab	35.4790, 19.2002, -20.5681

Details

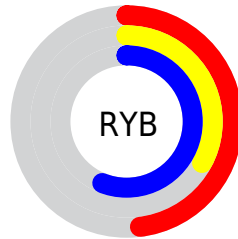
The Hex color **7A558E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **698E55**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AF87C4**, and **48265B** is the 20% darker color. If you saturate the color by 10%, you get **75478E**, and if you desaturate by 10%, it is **7F638E**.

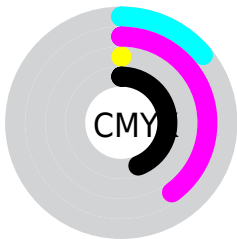
Distribution



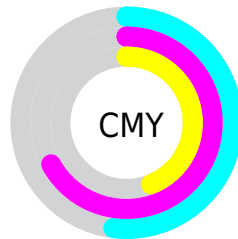
- Red (48%)
- Green (33%)
- Blue (56%)



- Red (48%)
- Yellow (33%)
- Blue (56%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A558E 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 7A558E by changing the saturation by 10% instead.

 7A558E

 7A558E

FFFFFF

 613D74

 AF87C4

 48265B

 CBA2E0

 301044

 E8BDFD

 1D002D

 FFD9FF

 000118

 FFF6FF

 000000

 7A558E

 7A558E

 75478E

 7F638E

 70398E

 84718E

6B2A8E

89808E

661C8E

8E8E8E

610E8E

939C8E

5C008E

98AA8E

9DB88E

A2C78E

A7D58E

Harmonies

Analogous

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



4C619E



7A558E



944B73

Triad

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



7A558E



815D27



007373

Complementary

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



7A558E



698E55

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.



007254



7A558E



656726

Square

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



7A558E



955139



436E37



00718E

Rectangle

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



7A558E



9B495F



436E37



007369

Sweetspot

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



7A558E



B0A2B8



556A8E



574F5C



DBDBDB



5C5C5C

Same Dimension

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



7A558E



995FB8



8E5586



454047



580087



050008

Inverse Universe

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



8E5569



B85F7E



558E5D



474043



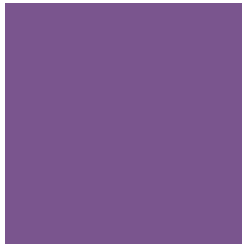
87002F



080003

Previews

White Background



This preview shows how the Hex color 7A558E looks on a white background.

Color Contrast Check

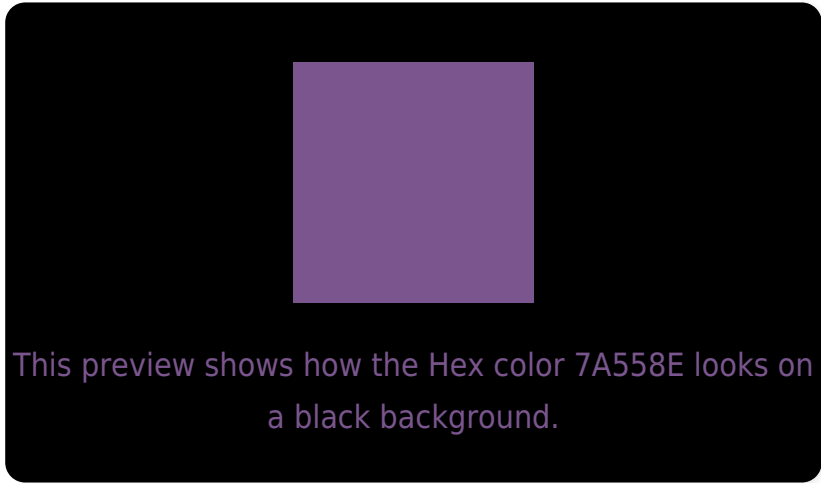
Large Text (above 18pt) WCAG AA ✓ Pass

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

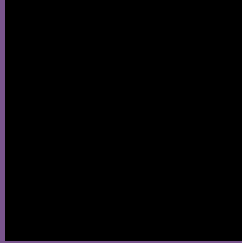
Any Text WCAG AA × Fail

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 7A558E Background



This preview shows how black text looks on a background with the Hex color 7A558E.




This preview shows how white text looks on a background with the Hex color 7A558E.

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
745E65

Trichromacy



Original Color
7A558E

Protanomaly
5F5D95

Deuteranomaly
635E8C

Tritanomaly
765B74

Monochromacy



Original Color
7A558E

Achromatopsia
676767

Achromatomaly
6E6075

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A558E 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 #7A558E looks like.

```
.text, #text, p{  
  color:#7A558E  
}
```

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 #7A558E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A558E
}
```

Border

The CSS property to change the border of an element to Hex 7A558E is called "border". The border property can be set on classes, ids or directly on the HTML element.

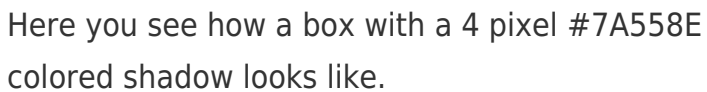
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A558E }
```

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

```
.border{ border-color:#7A558E }
```

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



Here you see how a box with a 4 pixel #7A558E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A558E; -webkit-box-shadow:4px 4px  
4px 4px #7A558E; box-shadow:4px 4px 4px  
4px #7A558E }
```

Background

The CSS property to change the background color of an element to Hex 7A558E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A558E }
```

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

```
.background{ background-color:#7A558E }
```

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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