

Converting Colors

Hex(76578A)

Have a look what the booklet for
Hex(76578A) contains.

Hex(76578A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76578A)

Conversions

Conversions Part 1

Format	Color
Hex	76578A
RGB	118, 87, 138
RGB Percent	46%, 34%, 54%
CMY	0.5373, 0.6588, 0.4588
CMYK	0.14, 0.37, 0.00, 0.46
HSL	276°, 23%, 44%
HSV	276°, 37%, 54%
XYZ	15.4669, 12.5029, 25.6429
YIQ	102.0830, 2.1050, 22.4330

Conversions

Conversions Part 2

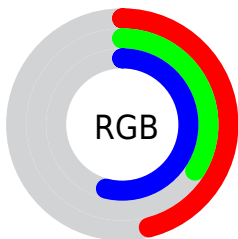
Format	Color
R_{YB}	118, 87, 138
Decimal	7755658
CIE _{Lab}	42.00, 22.96, -23.50
CIE _{LCh}	42, 32.853, 314.328
Yxy	12.5029, 0.2885, 0.2332
Android (android.graphics.Color)	4285945738 (0xFF76578A)
YUV	102.0830, 17.7071, 13.9592
Hunter-Lab	35.3595, 16.2000, -18.2458

Details

The Hex color **76578A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B8A57**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AB89C0**, and **442958** is the 20% darker color. If you saturate the color by 10%, you get **71498A**, and if you desaturate by 10%, it is **7B658A**.

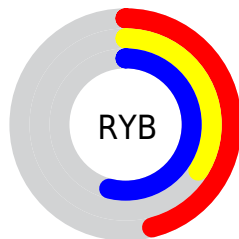
Distribution



Red (46%)

Green (34%)

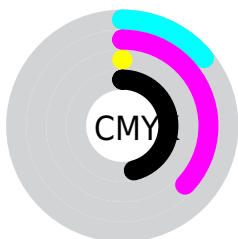
Blue (54%)



Red (46%)

Yellow (34%)

Blue (54%)

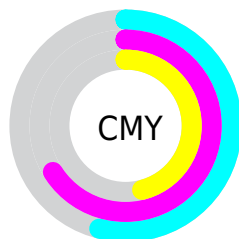


Cyan (14%)

Magenta (37%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76578A 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 76578A by changing the saturation by 10% instead.



76578A



76578A

FFFFFF



5D3F70



AB89C0



442958



C6A4DC



2D1340



E3BFF8



1A002A



FFDBFF



000114



FFF7FF



000000



76578A



76578A



71498A



7B658A



6B3B8A



81738A

662E8A

86808A

60208A

8C8E8A

5B128A

919C8A

56048A

96AA8A

54008A

9CB88A

A1C58A

A7D38A

Harmonies

Analogous

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



4E6197



76578A



8E4F72

Triad

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



76578A



7F5D2E



007170

Complementary

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



76578A



6B8A57

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.



1E7054



76578A



67662D

Square

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



76578A



90533F



496C3B



006F88

Rectangle

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



76578A



954C60



496C3B



007166

Sweetspot

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



76578A



AB9FB3



576B8A



554E59



D9D9D9



595959

Same Dimension

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



76578A



9464B3



8A5785



423E45



510085



030005

Inverse Universe

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



8A576B



B36483



578A5C



453E41



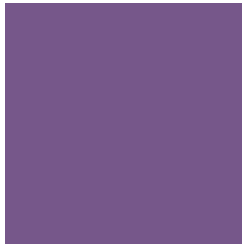
850034



050002

Previews

White Background



This preview shows how the Hex color 76578A looks on a white background.

Color Contrast Check

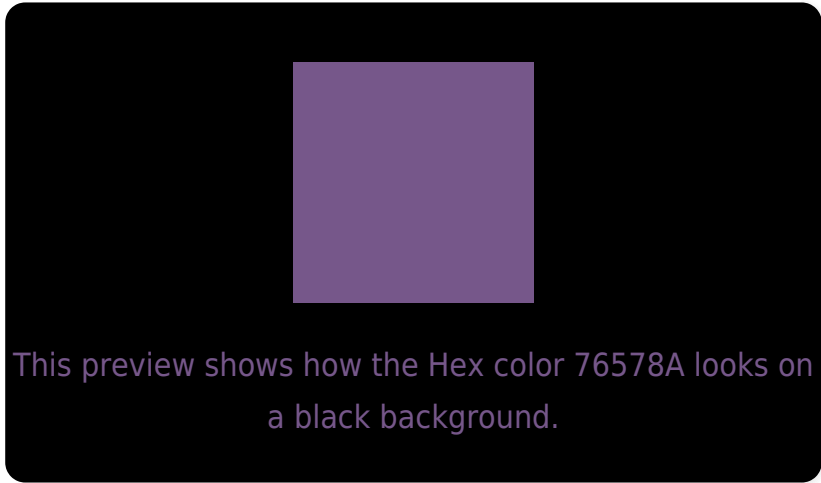
Large Text (above 18pt) WCAG AA ✓ Pass

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

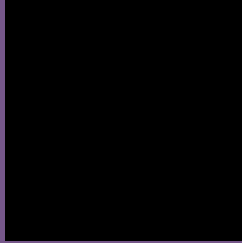
Any Text WCAG AA × Fail

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 76578A Background



This preview shows how black text looks on a background with the Hex color 76578A.




This preview shows how white text looks on a background with the Hex color 76578A.

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
705E66

Trichromacy



Original Color
76578A

Protanomaly
605E90

Deuteranomaly
635E89

Tritanomaly
725B73

Monochromacy



Original Color
76578A

Achromatopsia
666666

Achromatomaly
6C6173

CSS Examples

Text

The CSS property to change the color of the text to Hex 76578A 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 #76578A looks like.

```
.text, #text, p{  
    color:#76578A  
}
```

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 #76578A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76578A
}
```

Border

The CSS property to change the border of an element to Hex 76578A is called "border". The border property can be set on classes, ids or directly on the HTML element.

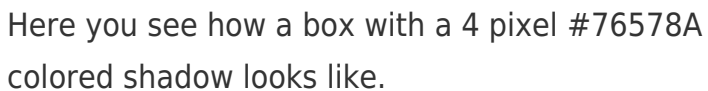
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76578A }
```

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

```
.border{ border-color:#76578A }
```

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



Here you see how a box with a 4 pixel #76578A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76578A; -webkit-box-shadow:4px 4px  
4px 4px #76578A; box-shadow:4px 4px 4px  
4px #76578A }
```

Background

The CSS property to change the background color of an element to Hex 76578A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76578A }
```

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

```
.background{ background-color:#76578A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor