

Converting Colors

Hex(7568A6)

Have a look what the booklet for
Hex(7568A6) contains.

Hex(7568A6)	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(7568A6)

Conversions

Conversions Part 1

Format	Color
Hex	7568A6
RGB	117, 104, 166
RGB Percent	46%, 41%, 65%
CMY	0.5412, 0.5922, 0.3490
CMYK	0.30, 0.37, 0.00, 0.35
HSL	253°, 26%, 53%
HSV	253°, 37%, 65%
XYZ	19.1694, 16.4357, 38.2385
YIQ	114.9550, -12.1540, 22.0380

Conversions

Conversions Part 2

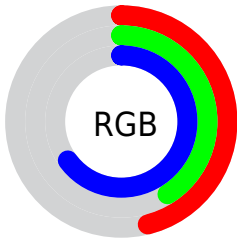
Format	Color
R_{YB}	117, 104, 166
Decimal	7694502
CIE _{Lab}	47.54, 19.34, -31.55
CIE _{LCh}	48, 37.005, 301.501
Yxy	16.4357, 0.2596, 0.2226
Android (android.graphics.Color)	4285884582 (0xFF7568A6)
YUV	114.9550, 25.1652, 1.7935
Hunter-Lab	40.5410, 13.4551, -27.5440

Details

The Hex color **7568A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99A668**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AA9BDD**, and **423972** is the 20% darker color. If you saturate the color by 10%, you get **6857A6**, and if you desaturate by 10%, it is **8279A6**.

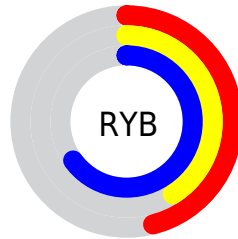
Distribution



Red (46%)

Green (41%)

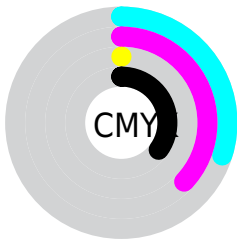
Blue (65%)



Red (46%)

Yellow (41%)

Blue (65%)

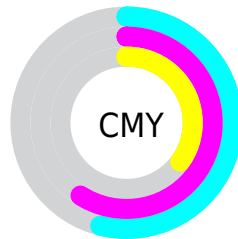


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (59%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7568A6 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 7568A6 by changing the saturation by 10% instead.

■ 7568A6

■ 7568A6

FFFFFF

■ 5B508B

■ AA9BDD

■ 423972

■ C6B6FA

■ 2A2359

■ E3D2FF

■ 100F41

■ FFEEFF

■ 00002B

■ 000115

■ 000000

■ 7568A6

■ 7568A6

■ 6857A6

■ 8279A6

■ 5B47A6

■ 8F89A6

■ 4E36A6

■ 9C9AA6

■ 4126A6

■ A9AAA6

■ 3315A6

■ B7BBA6

■ 2604A6

■ C4CCA6

■ 2300A6

■ D1DCA6

■ DEEDA6

■ EBFDA6

Harmonies

Analogous

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



3C74AF



7568A6



995C8F

Triad

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



7568A6



9B643A



008171

Complementary

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



7568A6



99A668

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.



397E52



7568A6



827030

Square

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



7568A6



AA5A52



62783A



008090

Rectangle

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



7568A6



A6577B



62783A



008067

Sweetspot

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



7568A6



C6C1D9



689AA6



625F6E



EDEDED



6E6E6E

Same Dimension

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



7568A6



8C77D9



9368A6



4D4C54



1F0094



040014

Inverse Universe

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



A66899



D977C4



7BA668



544C52



940075



140010

Previews

White Background



This preview shows how the Hex color 7568A6 looks on a white background.

Color Contrast Check

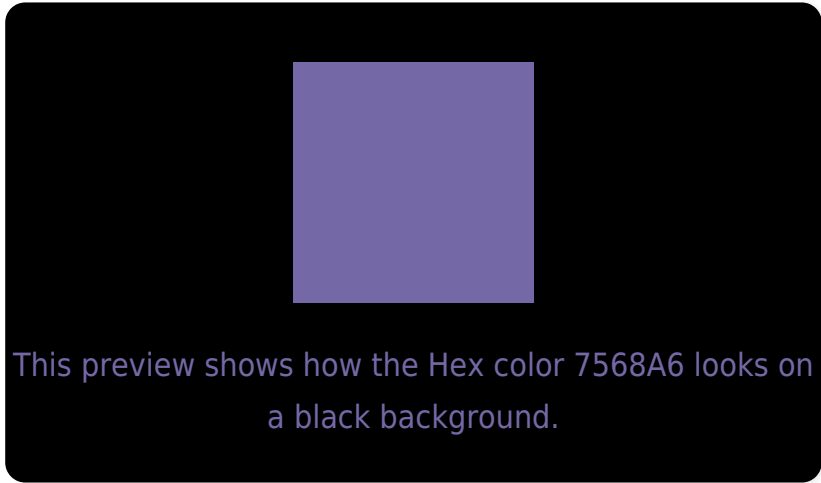
Large Text (above 18pt) WCAG AA ✓ Pass

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

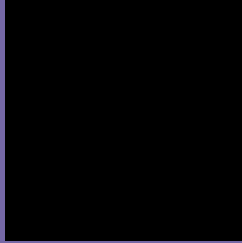
Any Text WCAG AA × Fail

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 7568A6 Background



This preview shows how black text looks on a background with the Hex color 7568A6.

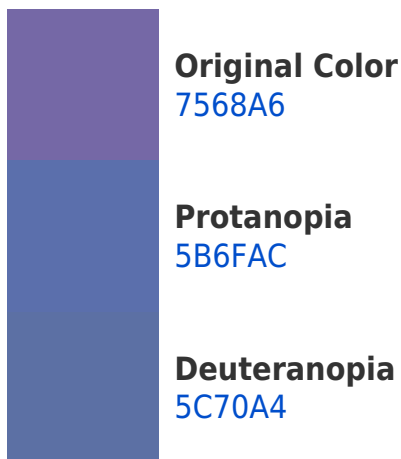


This preview shows how white text looks on a background with the Hex color 7568A6.

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
6C717A

Trichromacy



Original Color
7568A6

Protanomaly
646CAA

Deuteranomaly
656DA5

Tritanomaly
6F6E8A

Monochromacy



Original Color
7568A6

Achromatopsia
737373

Achromatomaly
746F86

CSS Examples

Text

The CSS property to change the color of the text to Hex 7568A6 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 #7568A6 looks like.

```
.text, #text, p{  
    color:#7568A6  
}
```

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 #7568A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7568A6
}
```

Border

The CSS property to change the border of an element to Hex 7568A6 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
#7568A6 }
```

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

```
.border{ border-color:#7568A6 }
```

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

Here you see how a box with a 4 pixel #7568A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7568A6; -webkit-box-shadow:4px 4px  
4px 4px #7568A6; box-shadow:4px 4px 4px  
4px #7568A6 }
```

Background

The CSS property to change the background color of an element to Hex 7568A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7568A6 }
```

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

```
.background{ background-color:#7568A6 }
```

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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