

Converting Colors

Hex(748BA7)

Have a look what the booklet for
Hex(748BA7) contains.

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Color

Hex(748BA7)

Conversions

Conversions Part 1

Format	Color
Hex	748BA7
RGB	116, 139, 167
RGB Percent	45%, 55%, 65%
CMY	0.5451, 0.4549, 0.3451
CMYK	0.31, 0.17, 0.00, 0.35
HSL	213°, 22%, 55%
HSV	213°, 31%, 65%
XYZ	23.4101, 24.9683, 40.1447
YIQ	135.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

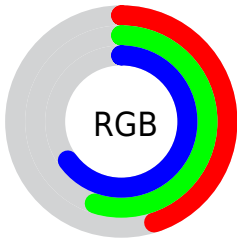
Format	Color
R_{YB}	116, 132, 167
Decimal	7637927
CIE _{Lab}	57.04, -1.43, -17.47
CIE _{LCh}	57, 17.532, 265.328
Yxy	24.9683, 0.2645, 0.2821
Android (android.graphics.Color)	4285828007 (0xFF748BA7)
YUV	135.3150, 15.6207, -16.9393
Hunter-Lab	49.9683, -3.8172, -12.6561

Details

The Hex color **748BA7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A79074**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A9C0DE**, and **425973** is the 20% darker color. If you saturate the color by 10%, you get **6382A7**, and if you desaturate by 10%, it is **8594A7**.

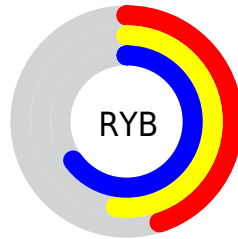
Distribution



Red (45%)

Green (55%)

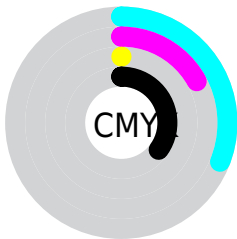
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

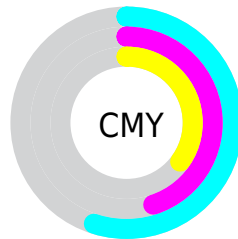


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748BA7 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 748BA7 by changing the saturation by 10% instead.



748BA7



748BA7

FFFFFF



5B728D



A9C0DE



425973



C5DCFB



2A425A



E1F9FF



112C43

FEFFFF



00172D



000118



000000



748BA7



748BA7



6382A7



8594A7

■ 5379A7

■ 959DA7

■ 426FA7

■ A6A7A7

■ 3166A7

■ B7B0A7

■ 215DA7

■ C7B9A7

■ 1054A7

■ D8C2A7

■ 004BA7

■ E9CBA7

■ FAD4A7

■ FFDEA7

Harmonies

Analogous

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



648FA2



748BA7



8886A4

Triad

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



748BA7



A97F7D



759077

Complementary

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



748BA7



A79074

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.



878C6D



748BA7



A38270

Square

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



748BA7



A67E8C



97876B



669286

Rectangle

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



748BA7



95829E



97876B



7B8F73

Sweetspot

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



748BA7



C5CED9



74A78F



62676E



EDEDED



6E6E6E

Same Dimension

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



748BA7



89ADD9



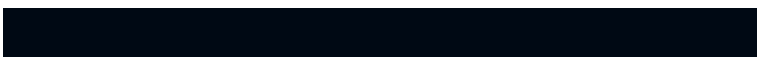
7674A7



4C5054



004394



000914

Inverse Universe

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



A7748B



D989AD



A5A774



544C50



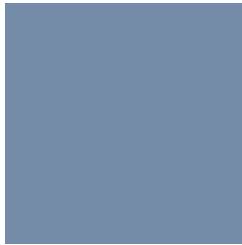
940043



140009

Previews

White Background



This preview shows how the Hex color 748BA7 looks on a white background.

Color Contrast Check

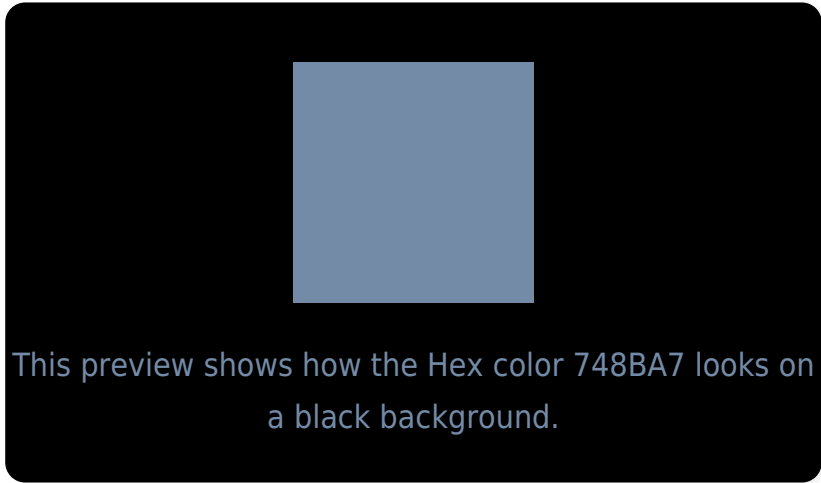
Large Text (above 18pt) WCAG AA ✓ Pass

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

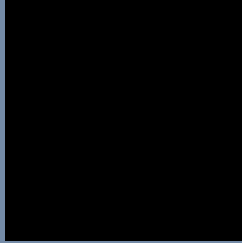
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

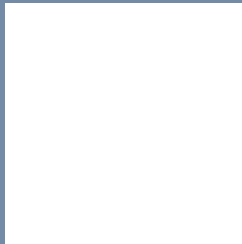
Any Text WCAG AAA × Fail

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

Hex 748BA7 Background



This preview shows how black text looks on a background with the Hex color 748BA7.



This preview shows how white text looks on a background with the Hex color 748BA7.

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
718D99

Trichromacy



Original Color
748BA7

Protanomaly
7D88A6

Deuteranomaly
7F88A8

Tritanomaly
728C9E

Monochromacy



Original Color
748BA7

Achromatopsia
878787

Achromatomaly
808893

CSS Examples

Text

The CSS property to change the color of the text to Hex 748BA7 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 #748BA7 looks like.

```
.text, #text, p{  
    color:#748BA7  
}
```

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 #748BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748BA7
}
```

Border

The CSS property to change the border of an element to Hex 748BA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

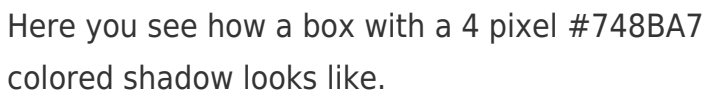
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#748BA7 }
```

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

```
.border{ border-color:#748BA7 }
```

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



Here you see how a box with a 4 pixel #748BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748BA7; -webkit-box-shadow:4px 4px  
4px 4px #748BA7; box-shadow:4px 4px 4px  
4px #748BA7 }
```

Background

The CSS property to change the background color of an element to Hex 748BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748BA7 }
```

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

```
.background{ background-color:#748BA7 }
```

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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