

Converting Colors

Hex(748AAD)

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

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Color

Hex(748AAD)

Conversions

Conversions Part 1

Format	Color
Hex	748AAD
RGB	116, 138, 173
RGB Percent	45%, 54%, 68%
CMY	0.5451, 0.4588, 0.3216
CMYK	0.33, 0.20, 0.00, 0.32
HSL	217°, 26%, 57%
HSV	217°, 33%, 68%
XYZ	23.8338, 24.9071, 43.0865
YIQ	135.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

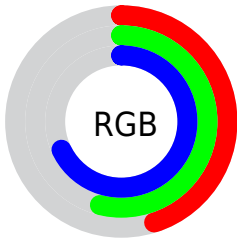
Format	Color
R _{YB}	116, 132, 173
Decimal	7637677
CIE Lab	56.98, 0.71, -21.00
CIE LCh	57, 21.009, 271.933
Yxy	24.9071, 0.2595, 0.2712
Android (android.graphics.Color)	4285827757 (0xFF748AAD)
YUV	135.4120, 18.5309, -17.0243
Hunter-Lab	49.9070, -2.0922, -16.2523

Details

The Hex color **748AAD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD9774**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A9BFE5**, and **415879** is the 20% darker color. If you saturate the color by 10%, you get **637FAD**, and if you desaturate by 10%, it is **8595AD**.

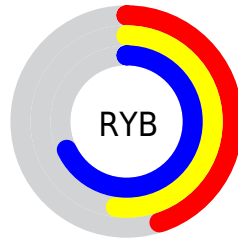
Distribution



Red (45%)

Green (54%)

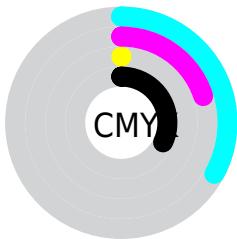
Blue (68%)



Red (45%)

Yellow (52%)

Blue (68%)

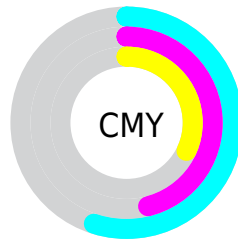


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 748AAD

■ 748AAD

FFFFFF

■ 5A7192

■ A9BFE5

■ 415879

■ C5DBFF

■ 294160

■ E1F8FF

■ 0E2B48

FEFFFF

■ 001731

■ 00021C

■ 000000

■ 748AAD

■ 748AAD

■ 637FAD

■ 8595AD

■ 5175AD

■ 979FAD

■ 406AAD

■ A8AAAD

■ 2F60AD

■ B9B4AD

■ 1E55AD

■ CBBFAD

■ 0C4AAD

■ DCCAAD

■ 0043AD

■ EDD4AD

■ FEDFAD

■ FFEAAD

Harmonies

Analogous

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



5D8FA8



748AAD



8D84A8

Triad

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



748AAD



AD7D76



6C9177

Complementary

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



748AAD



AD9774

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.



818D69



748AAD



A58269

Square

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



748AAD



AD7C88



958864



5A9389

Rectangle

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



748AAD



9C80A0



958864



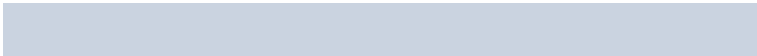
739072

Sweetspot

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



748AAD



CAD3E0



74AD96



636870



F0F0F0



707070

Same Dimension

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



748AAD



87A9E0



7A74AD



4E5157



003A96



000917

Inverse Universe

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



AD748A



E087A9



A7AD74



574E51



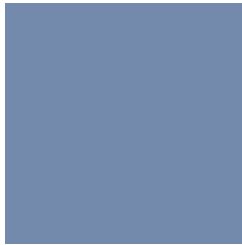
96003A



170009

Previews

White Background



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

Color Contrast Check

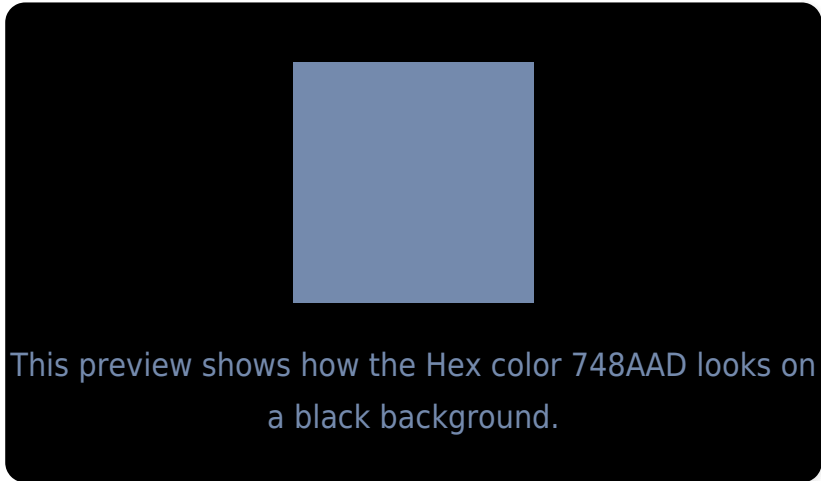
Large Text (above 18pt) WCAG AA ✓ Pass

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

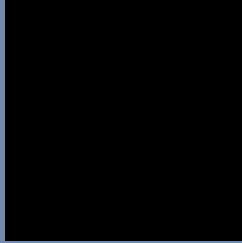
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

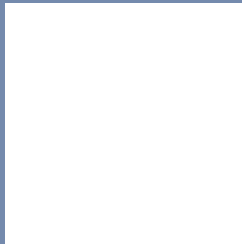
Any Text WCAG AAA × Fail

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

Hex 748AAD Background



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



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

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



Original Color
748AAD

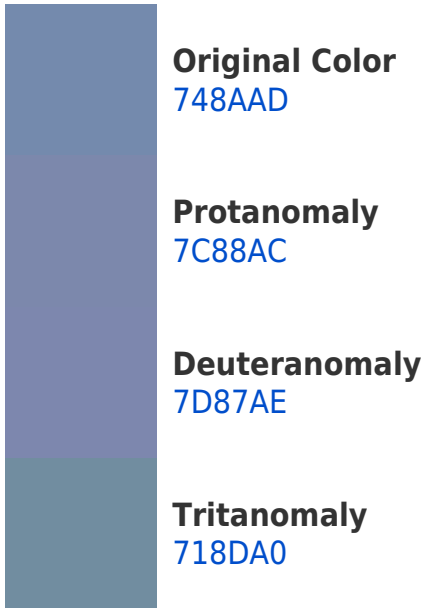
Protanopia
8087AB

Deuteranopia
8286AE

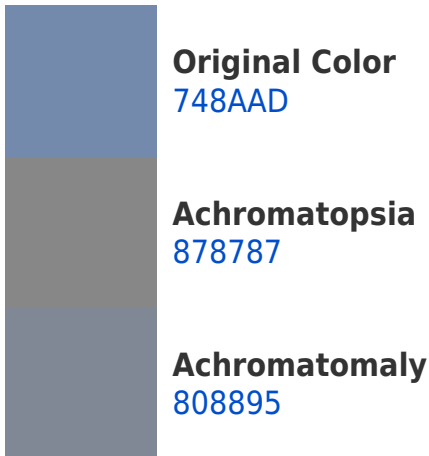


Tritanopia
6F8E99

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #748AAD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 748AAD 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
#748AAD }
```

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

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

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

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

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

Background

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

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

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

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

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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