

# Converting Colors

Hex(748EA5)

Have a look what the booklet for  
Hex(748EA5) contains.

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# Color

Hex(748EA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748EA5
RGB	116, 142, 165
RGB Percent	45%, 56%, 65%
CMY	0.5451, 0.4431, 0.3529
CMYK	0.30, 0.14, 0.00, 0.35
HSL	208°, 21%, 55%
HSV	208°, 30%, 65%
XYZ	23.6670, 25.7756, 39.3251
YIQ	136.8480, -22.8790, 1.6410

# Conversions

## Conversions Part 2

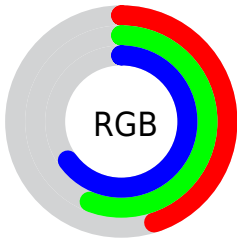
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 133, 165
Decimal	7638693
CIE <sub>Lab</sub>	57.82, -3.64, -15.15
CIE <sub>LCh</sub>	58, 15.580, 256.475
Yxy	25.7756, 0.2666, 0.2904
Android (android.graphics.Color)	4285828773 (0xFF748EA5)
YUV	136.8480, 13.8789, -18.2837
Hunter-Lab	50.7697, -5.6367, -10.3860

# Details

The Hex color **748EA5** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A58B74**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A9C4DC**, and **425C71** is the 20% darker color. If you saturate the color by 10%, you get **6386A5**, and if you desaturate by 10%, it is **8496A5**.

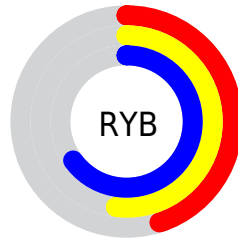
# Distribution



Red (45%)

Green (56%)

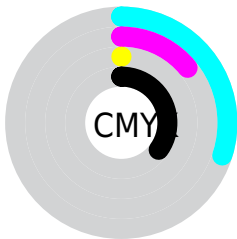
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

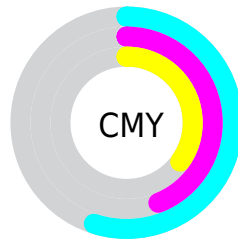


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (44%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748EA5 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 748EA5 by changing the saturation by 10% instead.





748EA5



748EA5

FFFFFF



5B748B



A9C4DC



425C71



C5E0F9



2A4459



E1FCFF



112E41

FEFFFF



001A2B



000117



000000



748EA5



748EA5



6386A5



8496A5

■ 537FA5

■ 959DA5

■ 4277A5

■ A5A5A5

■ 326FA5

■ B6ADA5

■ 2167A5

■ C7B5A5

■ 1160A5

■ D7BCA5

■ 0058A5

■ E7C4A5

■ F8CCA5

■ FFD4A5

# Harmonies

## Analogous

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



68919E



748EA5



858AA5

# Triad

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



748EA5



A78284



7E9078

# Complementary

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



748EA5



A58B74

# 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.



8E8C71



748EA5



A58478

# Square

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



748EA5



A38292



9B8871



709284

# Rectangle

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



748EA5



9186A1



9B8871



838F75



# Sweetspot

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



748EA5



C3CDD6



74A58B



5F666B



EBEBEB



6B6B6B



# Same Dimension

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



748EA5



89B2D6



7476A5



494E52



004D91



000912



# Inverse Universe

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



A5748E



D689B2



A5A374



52494E



91004D



120009



# Previews

## White Background



This preview shows how the Hex color 748EA5 looks on a white background.

## Color Contrast Check

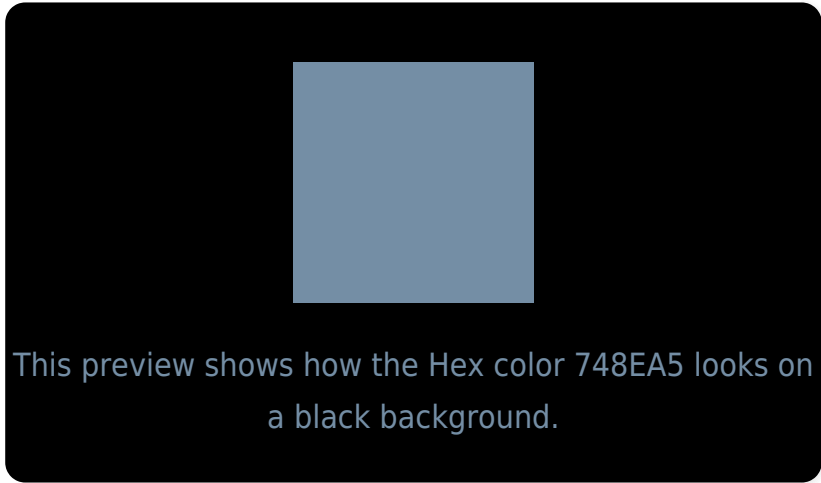
Large Text (above 18pt) WCAG AA ✓ Pass

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

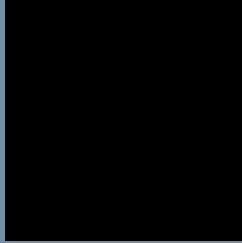
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

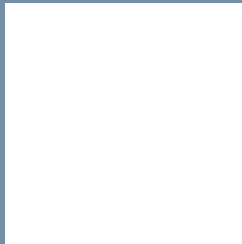
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748EA5 Background



This preview shows how black text looks on a background with the Hex color 748EA5.

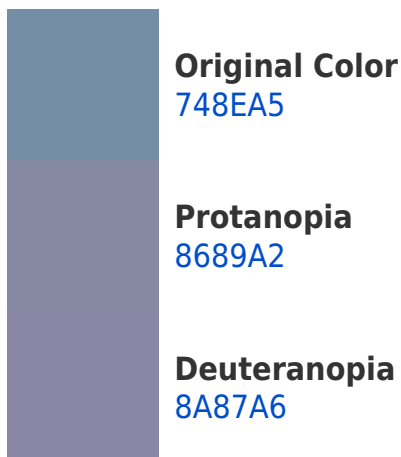


This preview shows how white text looks on a background with the Hex color 748EA5.

# 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](#).

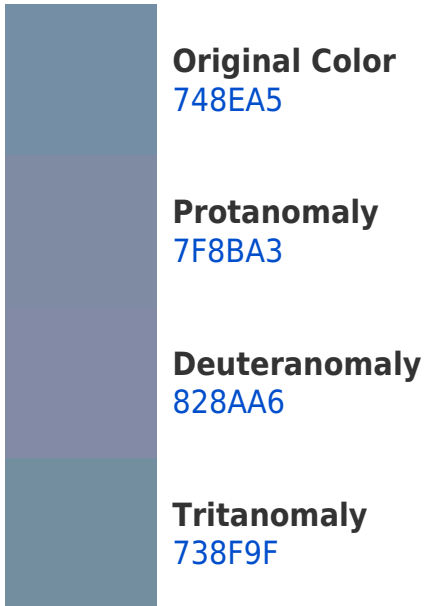
## Dichromacy



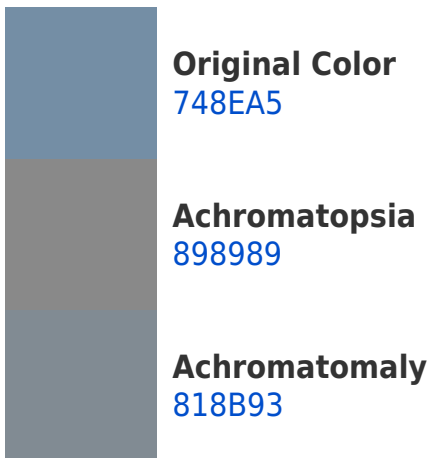


**Tritanopia**  
72909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748EA5 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 #748EA5 looks like.

```
.text, #text, p{  
    color:#748EA5  
}
```

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 #748EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748EA5
}
```

## Border

The CSS property to change the border of an element to Hex 748EA5 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
#748EA5 }
```

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

```
.border{ border-color:#748EA5 }
```

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

Here you see how a box with a 4 pixel #748EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748EA5; -webkit-box-shadow:4px 4px  
4px 4px #748EA5; box-shadow:4px 4px 4px  
4px #748EA5 }
```

# Background

The CSS property to change the background color of an element to Hex 748EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748EA5 }
```

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

```
.background{ background-color:#748EA5 }
```

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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