

# Converting Colors

Hex(738AA4)

Have a look what the booklet for  
Hex(738AA4) contains.

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# Color

Hex(738AA4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	738AA4
RGB	115, 138, 164
RGB Percent	45%, 54%, 64%
CMY	0.5490, 0.4588, 0.3569
CMYK	0.30, 0.16, 0.00, 0.36
HSL	212°, 21%, 55%
HSV	212°, 30%, 64%
XYZ	22.8596, 24.5021, 38.6465
YIQ	134.0870, -22.0540, 3.2100

# Conversions

## Conversions Part 2

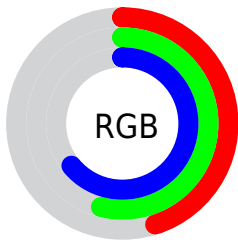
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 131, 164
Decimal	7572132
CIE <sub>Lab</sub>	56.59, -1.93, -16.46
CIE <sub>LCh</sub>	57, 16.569, 263.300
Yxy	24.5021, 0.2658, 0.2849
Android (android.graphics.Color)	4285762212 (0xFF738AA4)
YUV	134.0870, 14.7471, -16.7393
Hunter-Lab	49.4996, -4.1908, -11.6405

# Details

The Hex color **738AA4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A48D73**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A8BFDB**, and **415870** is the 20% darker color. If you saturate the color by 10%, you get **6381A4**, and if you desaturate by 10%, it is **8393A4**.

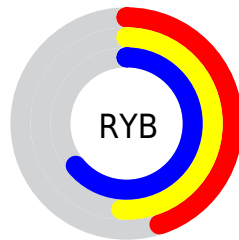
# Distribution



Red (45%)

Green (54%)

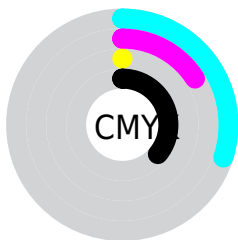
Blue (64%)



Red (45%)

Yellow (51%)

Blue (64%)

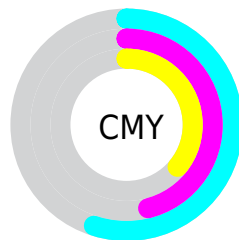


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (46%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 738AA4 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 738AA4 by changing the saturation by 10% instead.





738AA4



738AA4

FFFFFF



5A718A



A8BFDB



415870



C4DBF8



294158



E0F8FF



112B40

FDFFFF



00172A



000116



000000



738AA4



738AA4



6381A4



8393A4

■ 5279A4

■ 949BA4

■ 4270A4

■ A4A4A4

■ 3167A4

■ B5ADA4

■ 215EA4

■ C5B6A4

■ 1156A4

■ D5BEA4

■ 004DA4

■ E6C7A4

■ F6D0A4

■ FFD8A4

# Harmonies

## Analogous

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



648E9E



738AA4



8685A2

# Triad

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



738AA4



A67E7D



768E76

# Complementary

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



738AA4



A48D73

# 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.



878A6D



738AA4



A18171

# Square

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



738AA4



A37E8C



96866B



689084

# Rectangle

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



738AA4



92829D



96866B



7C8D72



# Sweetspot

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



738AA4



C3CCD6



73A48C



5F656B



EBEBEB



6B6B6B



# Same Dimension

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



738AA4



89ADD6



7473A4



494D52



004491



000812



# Inverse Universe

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



A4738A



D689AD



A3A473



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color 738AA4 looks on a white background.

## Color Contrast Check

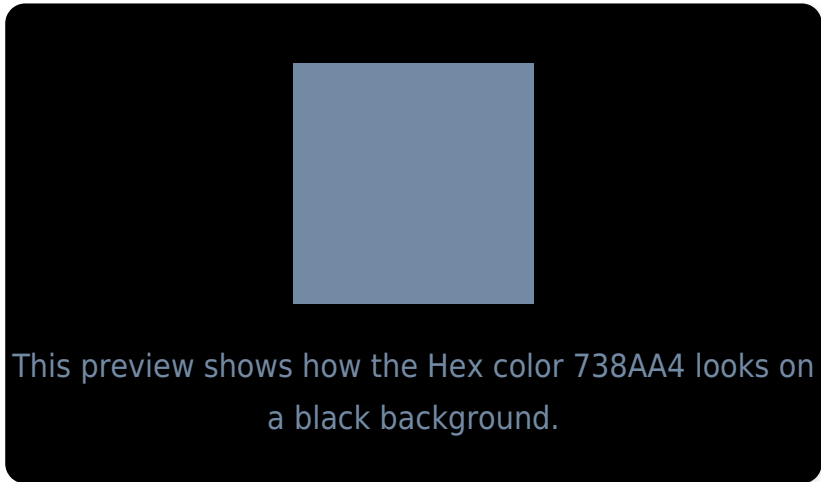
Large Text (above 18pt) WCAG AA ✓ Pass

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

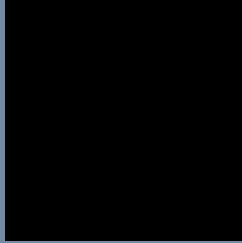
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

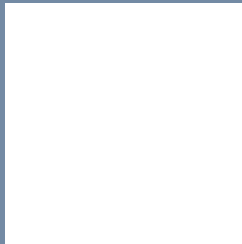
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 738AA4 Background



This preview shows how black text looks on a background with the Hex color 738AA4.

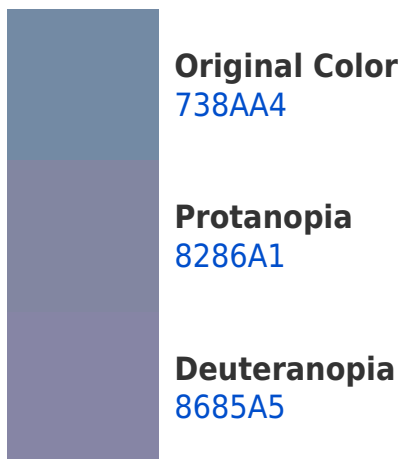


This preview shows how white text looks on a background with the Hex color 738AA4.

# 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**  
708C97

# Trichromacy



**Original Color**  
738AA4

**Protanomaly**  
7D87A2

**Deuteranomaly**  
7F87A5

**Tritanomaly**  
718B9C

# Monochromacy



**Original Color**  
738AA4

**Achromatopsia**  
868686

**Achromatomaly**  
7F8791

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 738AA4 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 #738AA4 looks like.

```
.text, #text, p{  
    color:#738AA4  
}
```

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 #738AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738AA4  
}
```

## Border

The CSS property to change the border of an element to Hex 738AA4 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  
#738AA4 }
```

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

```
.border{ border-color:#738AA4 }
```

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

Here you see how a box with a 4 pixel #738AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738AA4; -webkit-box-shadow:4px 4px  
4px 4px #738AA4; box-shadow:4px 4px 4px  
4px #738AA4 }
```

# Background

The CSS property to change the background color of an element to Hex 738AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738AA4 }
```

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

```
.background{ background-color:#738AA4 }
```

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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