

Converting Colors

Hex(738AAE)

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

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Color

Hex(738AAE)

Conversions

Conversions Part 1

Format	Color
Hex	738AAE
RGB	115, 138, 174
RGB Percent	45%, 54%, 68%
CMY	0.5490, 0.4588, 0.3176
CMYK	0.34, 0.21, 0.00, 0.32
HSL	217°, 27%, 57%
HSV	217°, 34%, 68%
XYZ	23.7987, 24.8778, 43.5920
YIQ	135.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

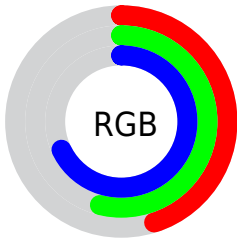
Format	Color
R_{YB}	115, 132, 174
Decimal	7572142
CIE Lab	56.96, 0.68, -21.62
CIE LCh	57, 21.629, 271.794
Yxy	24.8778, 0.2579, 0.2696
Android (android.graphics.Color)	4285762222 (0xFF738AAE)
YUV	135.2270, 19.1151, -17.7391
Hunter-Lab	49.8776, -2.1161, -16.9038

Details

The Hex color **738AAE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE9773**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A8BFE6**, and **405879** is the 20% darker color. If you saturate the color by 10%, you get **627FAE**, and if you desaturate by 10%, it is **8495AE**.

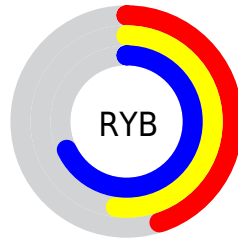
Distribution



Red (45%)

Green (54%)

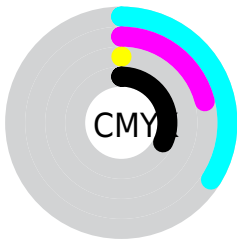
Blue (68%)



Red (45%)

Yellow (52%)

Blue (68%)

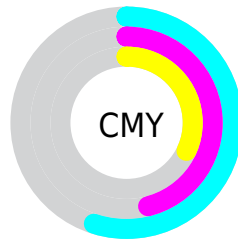


Cyan (34%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

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



738AAE



738AAE

FFFFFF



597193



A8BFE6



405879



C4DBFF



274161



E0F8FF



0C2B49

FDFFFF



001732



00021D



000000



738AAE



738AAE



627FAE



8495AE

■ 5075AE

■ 969FAE

■ 3F6AAE

■ A7AAAE

■ 2D60AE

■ B9B4AE

■ 1C55AE

■ CABFAE

■ 0B4AAE

■ DBCAAE

■ 0044AE

■ EDD4AE

■ FEDFAE

■ FFEAAE

Harmonies

Analogous

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



5B8FA9



738AAE



8D83A9

Triad

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



738AAE



AE7D76



6B9276

Complementary

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



738AAE



AE9773

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.



818E68



738AAE



A58168

Square

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



738AAE



AD7B88



958863



599389

Rectangle

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



738AAE



9C7FA0



958863



729071

Sweetspot

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



738AAE



CCD5E3



73AE96



656A73



F2F2F2



737373

Same Dimension

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



738AAE



86AAE3



7973AE



4E5157



003B96



000917

Inverse Universe

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



AE738A



E386AA



A8AE73



574E51



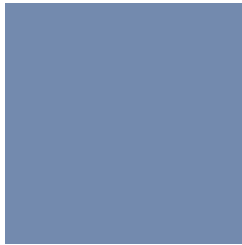
96003B



170009

Previews

White Background



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

Color Contrast Check

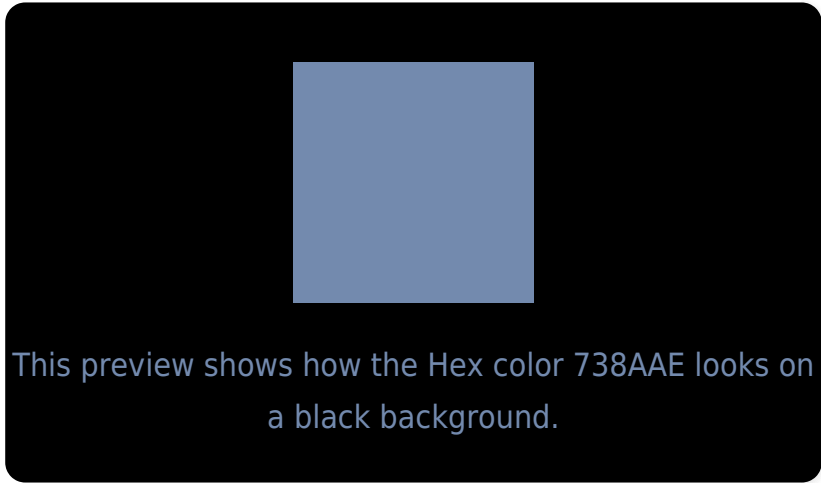
Large Text (above 18pt) WCAG AA ✓ Pass

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

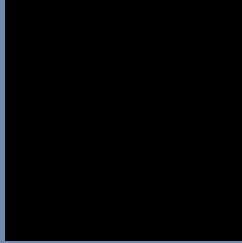
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

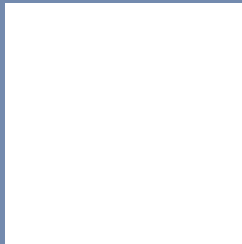
Any Text WCAG AAA × Fail

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

Hex 738AAE Background



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

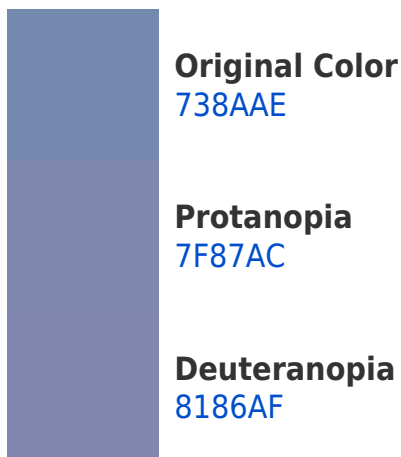


This preview shows how white text looks on a background with the Hex color 738AAE.

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](#).

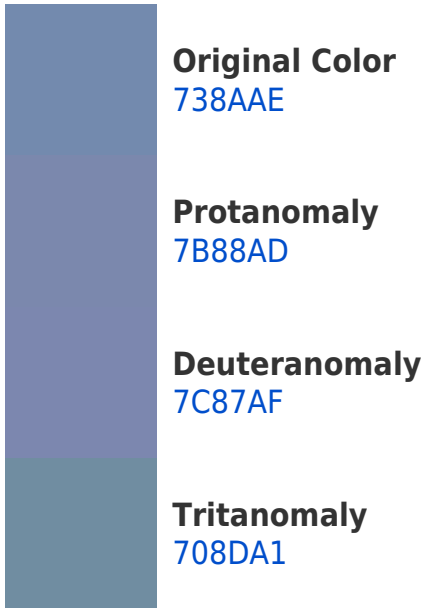
Dichromacy



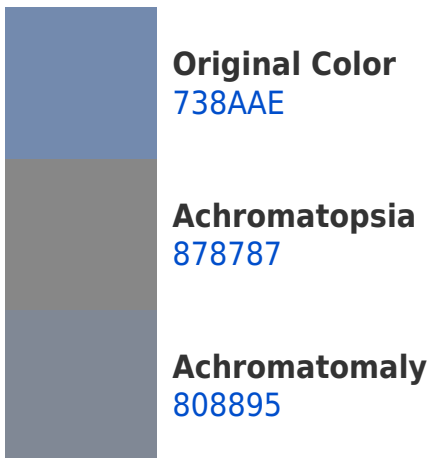


Tritanopia
6E8E99

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #738AAE colored shadow looks like.

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

Border

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

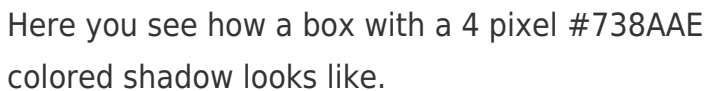
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#738AAE }
```

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

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

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



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

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

Background

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

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

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

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

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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