

Converting Colors

Hex(728AAB)

Have a look what the booklet for
Hex(728AAB) contains.

Hex(728AAB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(728AAB)

Conversions

Conversions Part 1

Format	Color
Hex	728AAB
RGB	114, 138, 171
RGB Percent	45%, 54%, 67%
CMY	0.5529, 0.4588, 0.3294
CMYK	0.33, 0.19, 0.00, 0.33
HSL	215°, 25%, 56%
HSV	215°, 33%, 67%
XYZ	23.3786, 24.6946, 42.0624
YIQ	134.5860, -24.8970, 5.1750

Conversions

Conversions Part 2

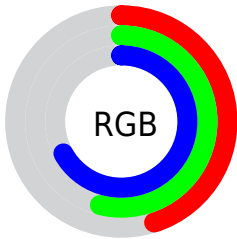
Format	Color
RYB	114, 131, 171
Decimal	7506603
CIELab	56.78, -0.41, -20.18
CIElCh	57, 20.188, 268.824
Yxy	24.6946, 0.2594, 0.2740
Android (android.graphics.Color)	4285696683 (0xFF728AAB)
YUV	134.5860, 17.9521, -18.0539
Hunter-Lab	49.6937, -2.9880, -15.3995

Details

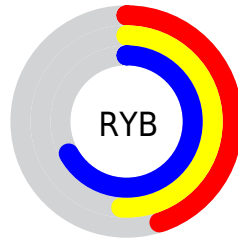
The Hex color **728AAB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AB9372**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A7BFE2**, and **3F5877** is the 20% darker color. If you saturate the color by 10%, you get **6180AB**, and if you desaturate by 10%, it is **8394AB**.

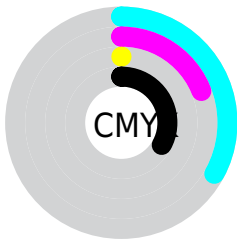
Distribution



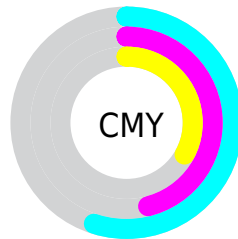
- Red (45%)
- Green (54%)
- Blue (67%)



- Red (45%)
- Yellow (51%)
- Blue (67%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728AAB 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 728AAB by changing the saturation by 10% instead.

■ 728AAB

■ 728AAB

FFFFFF

■ 587190

■ A7BFE2

■ 3F5877

■ C3DBFF

■ 27415E

■ DFF8FF

■ 0C2B46

■ FCFFFF

■ 001730

■ 00011B

■ 000000

■ 728AAB

■ 728AAB

■ 6180AB

■ 8394AB

■ 5076AB

■ 949EAB

■ 3F6CAB

■ A5A8AB

■ 2E62AB

■ B6B2AB

■ 1D59AB

■ C7BBAB

■ 0B4FAB

■ D9C5AB

■ 0048AB

■ EACFAB

■ FBD9AB

■ FFE3AB

Harmonies

Analogous

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



5D8FA6



728AAB



8A84A7

Triad

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



728AAB



AC7D78



6F9076

Complementary

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



728AAB



AB9372

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.



838C69



728AAB



A4816B

Square

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



728AAB



AA7C8A



968765



5E9287

Rectangle

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



728AAB



9880A0



968765



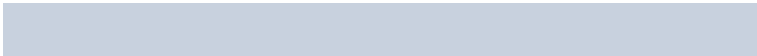
768F71

Sweetspot

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



728AAB



C8D1DE



72AB92



636870



F0F0F0



707070

Same Dimension

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



728AAB



85AADE



7672AB



4E5257



003F96



000A17

Inverse Universe

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



AB728A



DE85AA



A7AB72



574E52



96003F



17000A

Previews

White Background



This preview shows how the Hex color 728AAB looks on a white background.

Color Contrast Check

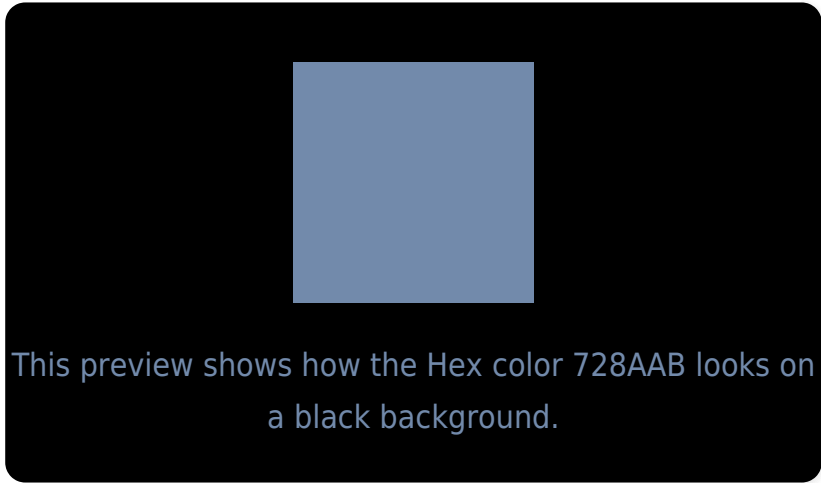
Large Text (above 18pt) WCAG AA ✓ Pass

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

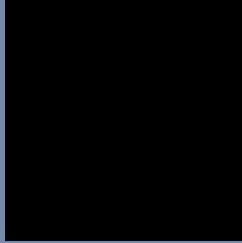
Any Text WCAG AA ✓ Pass

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 728AAB Background



This preview shows how black text looks on a background with the Hex color 728AAB.



This preview shows how white text looks on a background with the Hex color 728AAB.

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](#).

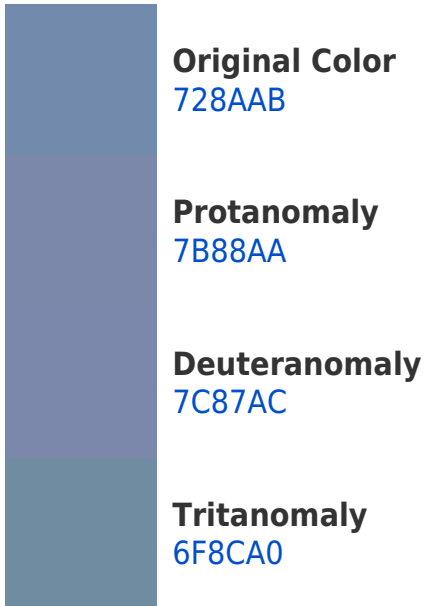
Dichromacy



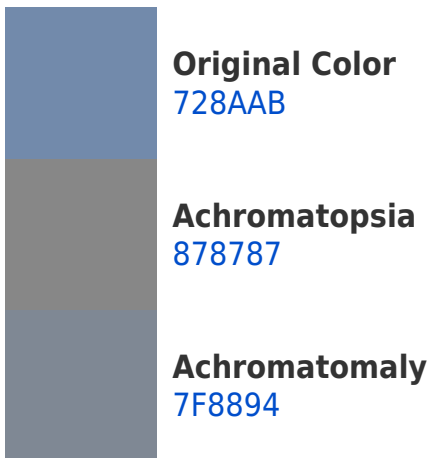


Tritanopia
6E8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728AAB 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 #728AAB looks like.

```
.text, #text, p{  
    color:#728AAB  
}
```

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 #728AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728AAB
}
```

Border

The CSS property to change the border of an element to Hex 728AAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

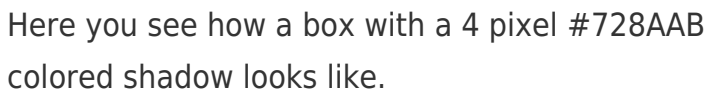
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#728AAB }
```

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

```
.border{ border-color:#728AAB }
```

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



Here you see how a box with a 4 pixel #728AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728AAB; -webkit-box-shadow:4px 4px  
4px 4px #728AAB; box-shadow:4px 4px 4px  
4px #728AAB }
```

Background

The CSS property to change the background color of an element to Hex 728AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728AAB }
```

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

```
.background{ background-color:#728AAB }
```

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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