

# Converting Colors

Hex(7294AA)

Have a look what the booklet for  
Hex(7294AA) contains.

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# Color

**Hex(7294AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7294AA
RGB	114, 148, 170
RGB Percent	45%, 58%, 67%
CMY	0.5529, 0.4196, 0.3333
CMYK	0.33, 0.13, 0.00, 0.33
HSL	204°, 25%, 56%
HSV	204°, 33%, 67%
XYZ	24.7850, 27.6595, 42.0627
YIQ	140.3420, -27.3260, -0.3660

# Conversions

## Conversions Part 2

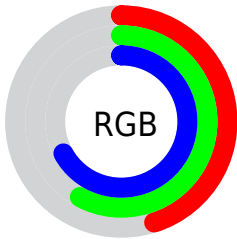
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 135, 170
Decimal	7509162
CIELab	59.58, -6.34, -15.35
CIElCh	60, 16.607, 247.569
Yxy	27.6595, 0.2623, 0.2927
Android (android.graphics.Color)	4285699242 (0xFF7294AA)
YUV	140.3420, 14.6214, -23.1019
Hunter-Lab	52.5923, -7.9153, -10.6049

# Details

The Hex color **7294AA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA8872**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A7CAE1**, and **3F6176** is the 20% darker color. If you saturate the color by 10%, you get **618DAA**, and if you desaturate by 10%, it is **839BAA**.

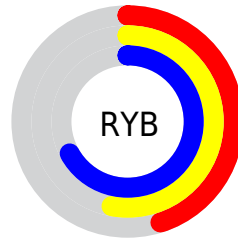
# Distribution



Red (45%)

Green (58%)

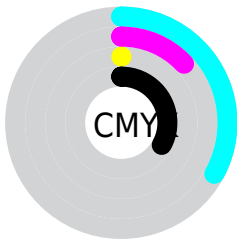
Blue (67%)



Red (45%)

Yellow (53%)

Blue (67%)

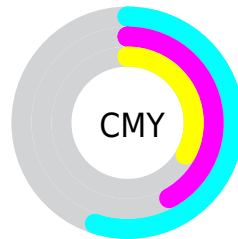


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (42%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7294AA 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 7294AA by changing the saturation by 10% instead.



■ 7294AA

■ 7294AA

FFFFFF

■ 587A8F

■ A7CAE1

■ 3F6176

■ C3E6FE

■ 274A5D

■ DFFFFF

■ 0B3345

■ FCFEFC

■ 001E2F

■ 00011B

■ 000000

■ 7294AA

■ 7294AA

■ 618DAA

■ 839BAA

■ 5087AA

■ 94A1AA

■ 3F80AA

■ A5A8AA

■ 2E79AA

■ B6AFAA

■ 1D73AA

■ C7B5AA

■ 0C6CAA

■ D8BCAA

■ 0067AA

■ E9C3AA

■ FAC9AA

■ FFD0AA

# Harmonies

## Analogous

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



6897A1



7294AA



8490AC

# Triad

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



7294AA



AD858C



879478

# Complementary

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



7294AA



AA8872

# 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.



979073



7294AA



AD877E

# Square

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



7294AA



A6879B



A58B75



769784

# Rectangle

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



7294AA



918CA9



A58B75



8C9375



# Sweetspot

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



7294AA



C8D5DE



72AA87



636B70



F0F0F0



707070



# Same Dimension

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



7294AA



85BBDE



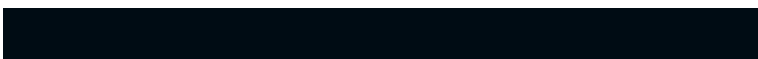
7279AA



4C5154



005A94



000C14



# Inverse Universe

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



AA7294



DE85BB



AAA372



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color 7294AA looks on a white background.

## Color Contrast Check

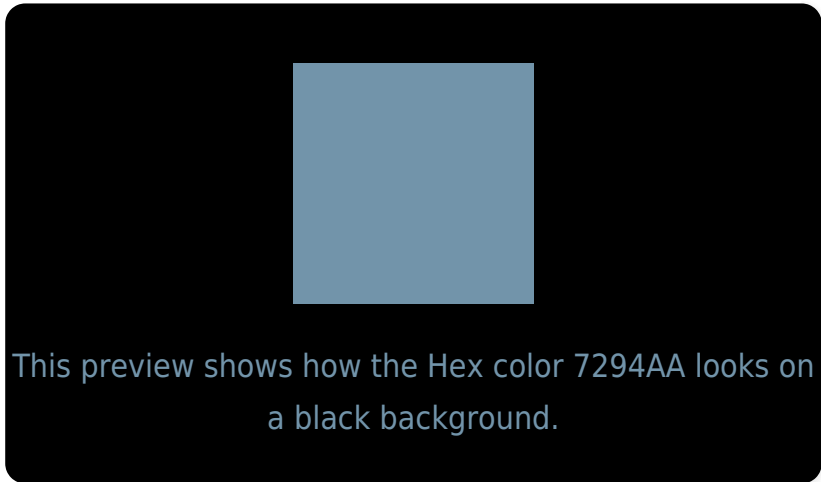
Large Text (above 18pt) WCAG AA ✓ Pass

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

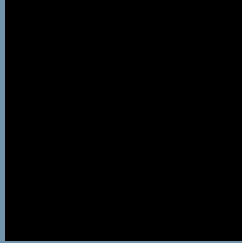
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

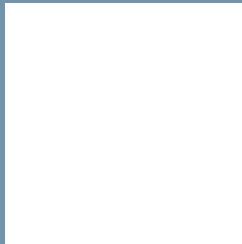
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7294AA Background



This preview shows how black text looks on a background with the Hex color 7294AA.



This preview shows how white text looks on a background with the Hex color 7294AA.

# 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](#).

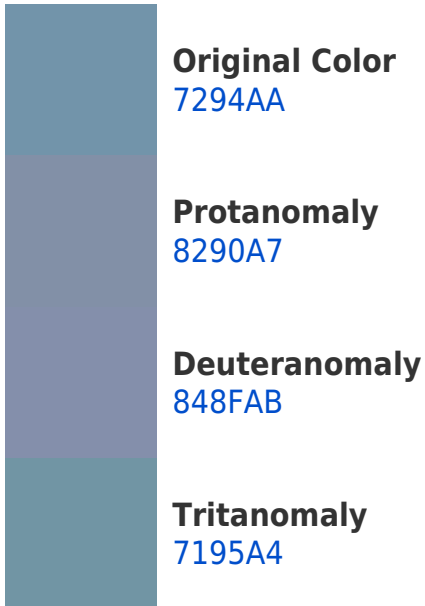
## Dichromacy



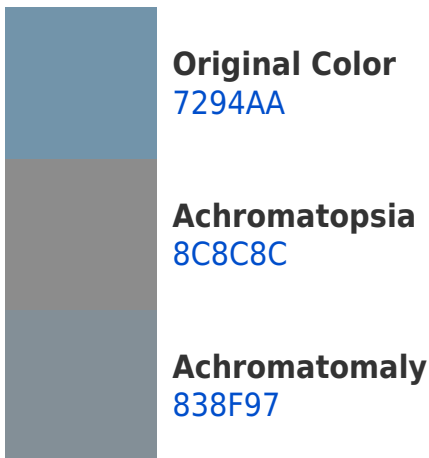


**Tritanopia**  
7095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7294AA 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 #7294AA looks like.

```
.text, #text, p{  
    color:#7294AA  
}
```

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 #7294AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7294AA
}
```

## Border

The CSS property to change the border of an element to Hex 7294AA 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
#7294AA }
```

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

```
.border{ border-color:#7294AA }
```

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

Here you see how a box with a 4 pixel #7294AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7294AA; -webkit-box-shadow:4px 4px  
4px 4px #7294AA; box-shadow:4px 4px 4px  
4px #7294AA }
```

# Background

The CSS property to change the background color of an element to Hex 7294AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7294AA }
```

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

```
.background{ background-color:#7294AA }
```

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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