

Converting Colors

Hex(7084AA)

Have a look what the booklet for
Hex(7084AA) contains.

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Color

Hex(7084AA)

Conversions

Conversions Part 1

Format	Color
Hex	7084AA
RGB	112, 132, 170
RGB Percent	44%, 52%, 67%
CMY	0.5608, 0.4824, 0.3333
CMYK	0.34, 0.22, 0.00, 0.33
HSL	219°, 25%, 55%
HSV	219°, 34%, 67%
XYZ	22.1891, 22.8496, 41.2711
YIQ	130.3520, -24.1180, 7.5780

Conversions

Conversions Part 2

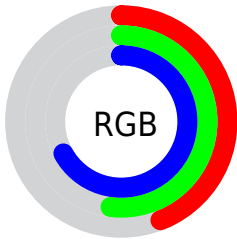
Format	Color
R _{YB}	112, 127, 170
Decimal	7373994
CIE _{Lab}	54.92, 2.20, -22.47
CIE _{LCh}	55, 22.577, 275.579
Y _{xy}	22.8496, 0.2571, 0.2647
Android (android.graphics.Color)	4285564074 (0xFF7084AA)
Y _{UV}	130.3520, 19.5465, -16.0947
Hunter-Lab	47.8012, -0.7934, -17.7296

Details

The Hex color **7084AA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA9670**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A5B9E1**, and **3E5376** is the 20% darker color. If you saturate the color by 10%, you get **5F79AA**, and if you desaturate by 10%, it is **818FAA**.

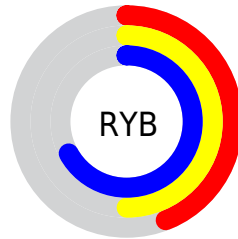
Distribution



Red (44%)

Green (52%)

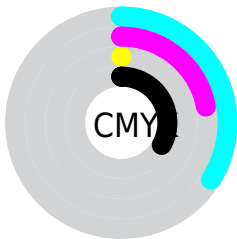
Blue (67%)



Red (44%)

Yellow (50%)

Blue (67%)

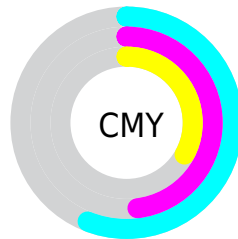


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7084AA 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 7084AA by changing the saturation by 10% instead.



7084AA



7084AA

FFFFFF



566B8F



A5B9E1



3E5376



C1D5FE



253C5D



DDF1FF



092645



FAFFFF



00112F



00011A



000000



7084AA



7084AA



5F79AA



818FAA

■ 4E6EAA

■ 929AAA

■ 3D63AA

■ A3A5AA

■ 2C57AA

■ B4B1AA

■ 1B4CAA

■ C5BCAA

■ 0A41AA

■ D6C7AA

■ 003BAA

■ E7D2AA

■ F8DDAA

■ FFE8AA

Harmonies

Analogous

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



568AA6



7084AA



8B7DA3

Triad

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



7084AA



A9776E



628D73

Complementary

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



7084AA



AA9670

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.



798963



7084AA



9F7D60

Square

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



7084AA



AA7580



8E835C



4F8E87

Rectangle

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



7084AA



9A799A



8E835C



698C6D

Sweetspot

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



7084AA



C8CFDE



70AA96



636770



F0F0F0



707070

Same Dimension

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



7084AA



83A2DE



7970AA



4C4F54



003394



000714

Inverse Universe

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



AA7084



DE83A2



A1AA70



544C4F



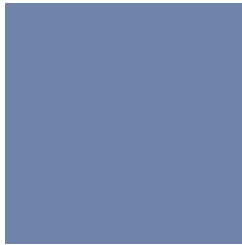
940033



140007

Previews

White Background



This preview shows how the Hex color 7084AA looks on a white background.

Color Contrast Check

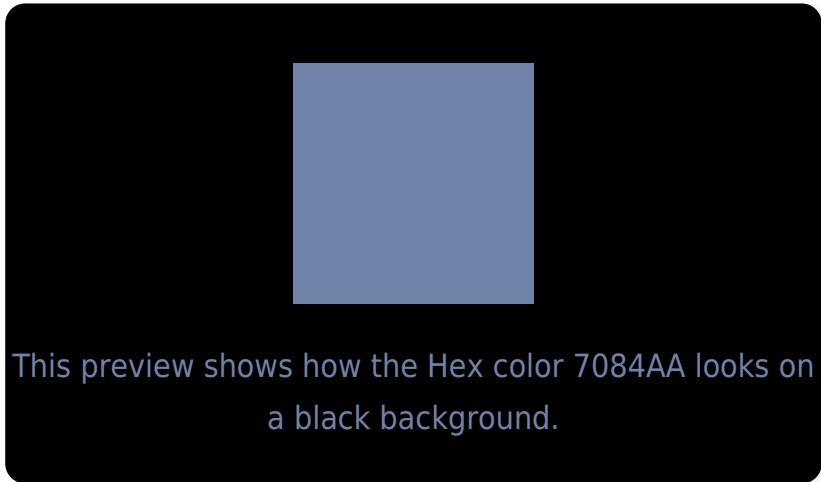
Large Text (above 18pt) WCAG AA ✓ Pass

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

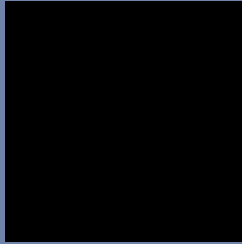
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

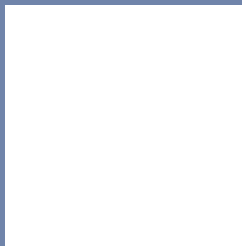
Any Text WCAG AAA × Fail

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

Hex 7084AA Background



This preview shows how black text looks on a background with the Hex color 7084AA.

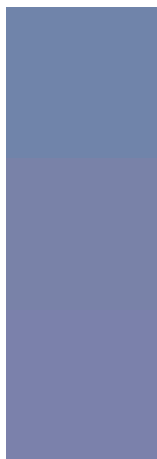


This preview shows how white text looks on a background with the Hex color 7084AA.

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



Original Color

7084AA

Protanopia

7982A8

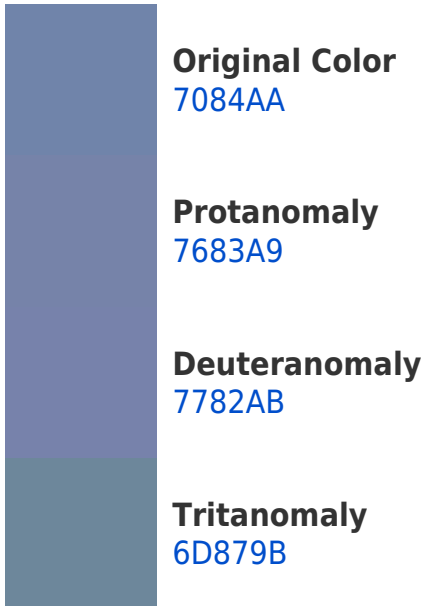
Deuteranopia

7B81AB

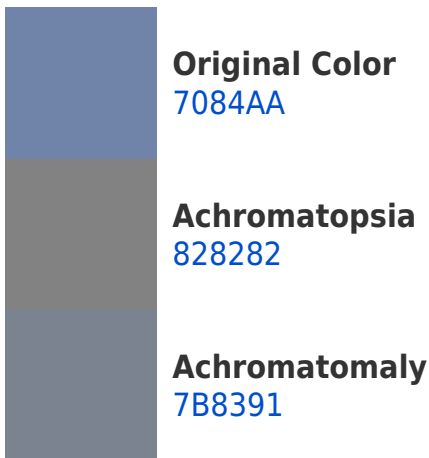


Tritanopia
6B8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7084AA 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 #7084AA looks like.

```
.text, #text, p{  
  color:#7084AA  
}
```

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 #7084AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7084AA
}
```

Border

The CSS property to change the border of an element to Hex 7084AA 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".

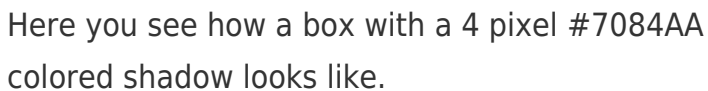
```
.border, #border, table{ border:4px solid
#7084AA }
```

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

```
.border{ border-color:#7084AA }
```

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

Here you see how a box with a 4 pixel #7084AA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7084AA; -webkit-box-shadow:4px 4px  
4px 4px #7084AA; box-shadow:4px 4px 4px  
4px #7084AA }
```

Background

The CSS property to change the background color of an element to Hex 7084AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7084AA }
```

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

```
.background{ background-color:#7084AA }
```

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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