

# Converting Colors

Hex(6880AA)

Have a look what the booklet for  
Hex(6880AA) contains.

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# Color

**Hex(6880AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6880AA
RGB	104, 128, 170
RGB Percent	41%, 50%, 67%
CMY	0.5922, 0.4980, 0.3333
CMYK	0.39, 0.25, 0.00, 0.33
HSL	218°, 28%, 54%
HSV	218°, 39%, 67%
XYZ	20.6838, 21.2837, 41.0482
YIQ	125.6120, -27.7860, 7.9740

# Conversions

## Conversions Part 2

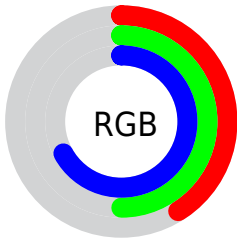
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 122, 170
Decimal	6848682
CIELab	53.26, 2.22, -25.07
CIElCh	53, 25.167, 275.057
Yxy	21.2837, 0.2492, 0.2564
Android (android.graphics.Color)	4285038762 (0xFF6880AA)
YUV	125.6120, 21.8833, -18.9537
Hunter-Lab	46.1342, -0.7064, -20.4597

# Details

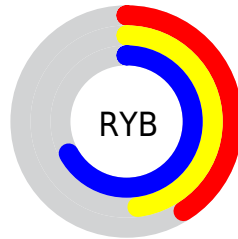
The Hex color **6880AA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA9268**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9DB5E1**, and **354F76** is the 20% darker color. If you saturate the color by 10%, you get **5775AA**, and if you desaturate by 10%, it is **798BAA**.

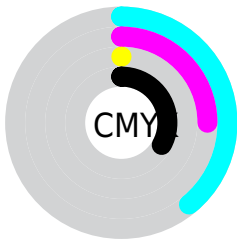
# Distribution



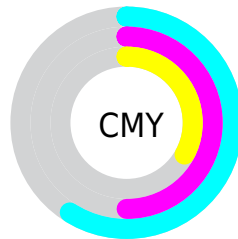
- Red (41%)
- Green (50%)
- Blue (67%)



- Red (41%)
- Yellow (48%)
- Blue (67%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (50%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6880AA 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 6880AA by changing the saturation by 10% instead.



■ 6880AA

■ 6880AA

FFFFFF

■ 4E678F

■ 9DB5E1

■ 354F76

■ B9D0FE

■ 1A385D

■ D5ECFF

■ 002345

■ F2FFFF

■ 000D2F

■ 000119

■ 000000

■ 6880AA

■ 6880AA

■ 5775AA

■ 798BAA

466AAA

8A96AA

3560AA

9BA0AA

2455AA

ACABAA

134AAA

BDB6AA

023FAA

CEC1AA

003EAA

DFCCAA

F0D7AA

FFE1AA

# Harmonies

## Analogous

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



4886A6



6880AA



8778A3

# Triad

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



6880AA



A97167



5A896C

# Complementary

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



6880AA



AA9268

# 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.



73855B



6880AA



9E7859

# Square

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



6880AA



A96F7C



8B7F54



428B82

# Rectangle

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



6880AA



977498



8B7F54



628866



# Sweetspot

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



6880AA



C3CDDE



68AA92



606670



F0F0F0



707070



# Same Dimension

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



6880AA



769BDE



7168AA



4C4F54



003694



000714



# Inverse Universe

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



AA6880



DE769B



A1AA68



544C4F



940036

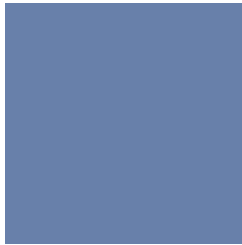


140007



# Previews

## White Background



This preview shows how the Hex color 6880AA looks on a white background.

## Color Contrast Check

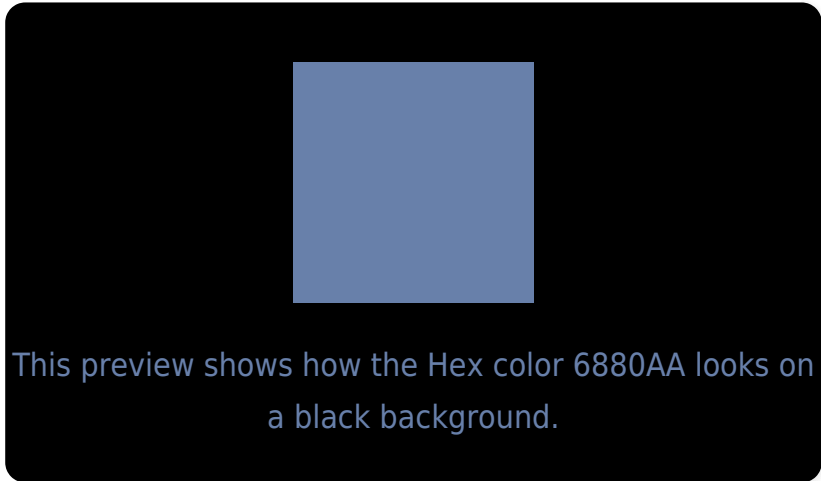
Large Text (above 18pt) WCAG AA ✓ Pass

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

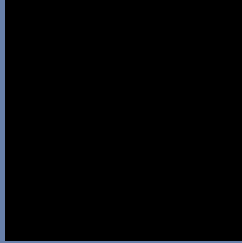
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

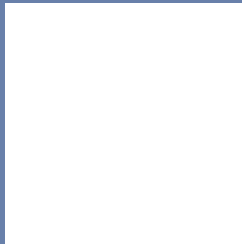
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6880AA Background



This preview shows how black text looks on a background with the Hex color 6880AA.



This preview shows how white text looks on a background with the Hex color 6880AA.

# 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**  
6880AA

**Protanopia**  
737DA8

**Deuteranopia**  
737DAB



**Tritanopia**  
618590

# Trichromacy



**Original Color**  
6880AA

**Protanomaly**  
6F7EA9

**Deuteranomaly**  
6F7EAB

**Tritanomaly**  
648399

# Monochromacy



**Original Color**  
6880AA

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
767F8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6880AA 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 #6880AA looks like.

```
.text, #text, p{  
    color:#6880AA  
}
```

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 #6880AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6880AA
}
```

## Border

The CSS property to change the border of an element to Hex 6880AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

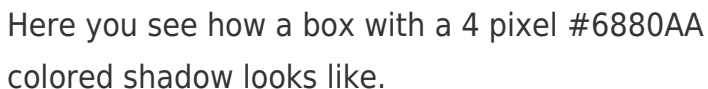
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6880AA }
```

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

```
.border{ border-color:#6880AA }
```

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



Here you see how a box with a 4 pixel #6880AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6880AA; -webkit-box-shadow:4px 4px  
4px 4px #6880AA; box-shadow:4px 4px 4px  
4px #6880AA }
```

# Background

The CSS property to change the background color of an element to Hex 6880AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6880AA }
```

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

```
.background{ background-color:#6880AA }
```

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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