

# Converting Colors

Hex(6968AA)

Have a look what the booklet for  
Hex(6968AA) contains.

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# Color

**Hex(6968AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6968AA
RGB	105, 104, 170
RGB Percent	41%, 41%, 67%
CMY	0.5882, 0.5922, 0.3333
CMYK	0.38, 0.39, 0.00, 0.33
HSL	241°, 28%, 54%
HSV	241°, 39%, 67%
XYZ	18.0317, 15.8062, 40.1307
YIQ	111.8230, -20.5900, 20.7380

# Conversions

## Conversions Part 2

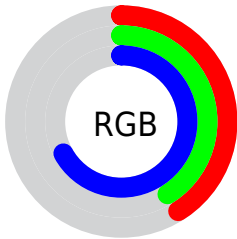
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 104, 170
Decimal	6908074
CIE Lab	46.72, 16.96, -35.26
CIE LCh	47, 39.126, 295.687
Yxy	15.8062, 0.2438, 0.2137
Android (android.graphics.Color)	4285098154 (0xFF6968AA)
YUV	111.8230, 28.6813, -5.9838
Hunter-Lab	39.7570, 11.3837, -32.0175

# Details

The Hex color **6968AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9AA68**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9F9BE2**, and **353975** is the 20% darker color. If you saturate the color by 10%, you get **5857AA**, and if you desaturate by 10%, it is **7A79AA**.

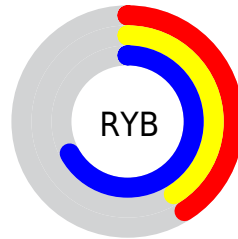
# Distribution



Red (41%)

Green (41%)

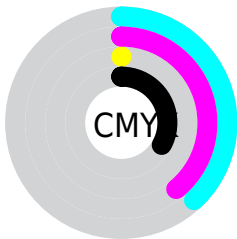
Blue (67%)



Red (41%)

Yellow (41%)

Blue (67%)

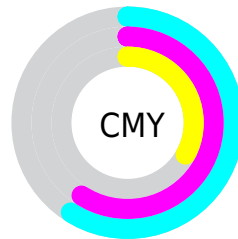


Cyan (38%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (59%)

Magenta (59%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6968AA 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 6968AA by changing the saturation by 10% instead.



■ 6968AA

■ 6968AA

FFFFFF

■ 4F508F

■ 9F9BE2

■ 353975

■ BAB6FE

■ 1A245C

■ D7D1FF

■ 001044

■ F4EEFF

■ 00012E

■ 000118

■ 000000

■ 6968AA

■ 6968AA

■ 5857AA

■ 7A79AA

4846AA

8A8AAA

3735AA

9B9BAA

2624AA

ACACAA

1513AA

BDBDAA

0502AA

CDCEAA

0300AA

DEDFAA

EFF0AA

FFFFAA

# Harmonies

## Analogous

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



1C74B0



6968AA



935B94

# Triad

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



6968AA



9E5F39



007F69

# Complementary

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



6968AA



A9AA68

# 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.



3D7C48



6968AA



866B2B

# Square

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



6968AA



AB5554



667531



007F8A

# Rectangle

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



6968AA



A35580



667531



057E5D



# Sweetspot

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



6968AA



C4C3DE



68AAAA



616070



F0F0F0



707070



# Same Dimension

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



6968AA



7776DE



8968AA



4C4C54



020094



000014



# Inverse Universe

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



AA68A9



DE76DC



89AA68



544C54



940092

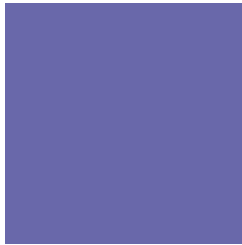


140014



# Previews

## White Background



This preview shows how the Hex color 6968AA looks on a white background.

## Color Contrast Check

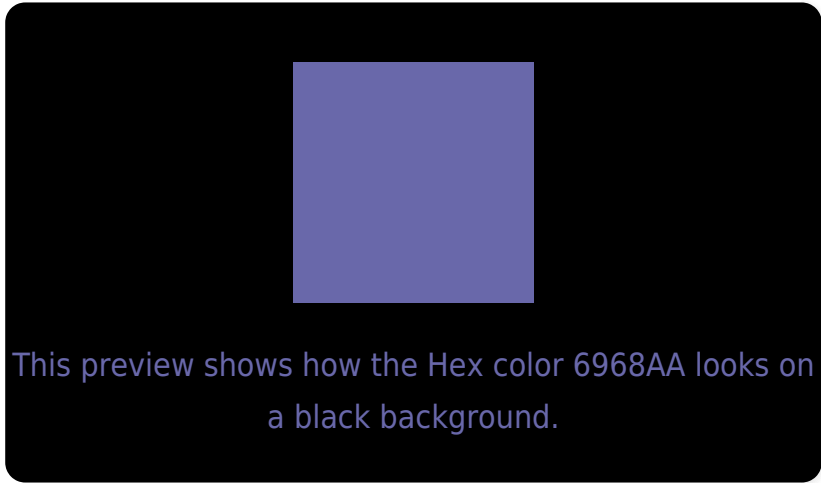
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 6968AA Background



This preview shows how black text looks on a background with the Hex color 6968AA.

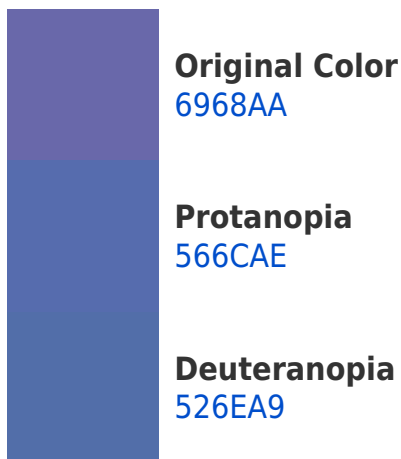


This preview shows how white text looks on a background with the Hex color 6968AA.

# 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](#).

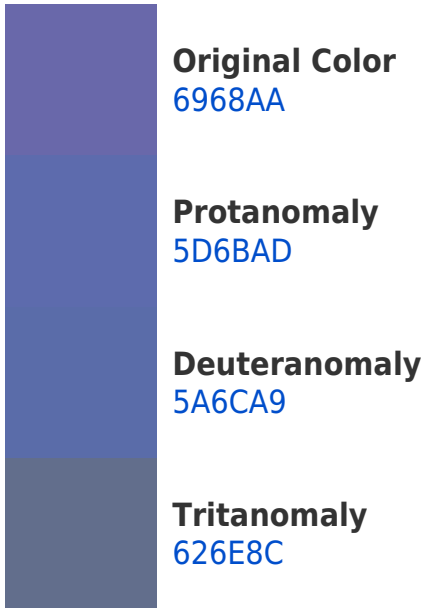
## Dichromacy





**Tritanopia**  
5E727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6968AA 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 #6968AA looks like.

```
.text, #text, p{  
    color:#6968AA  
}
```

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 #6968AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6968AA
}
```

## Border

The CSS property to change the border of an element to Hex 6968AA 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".

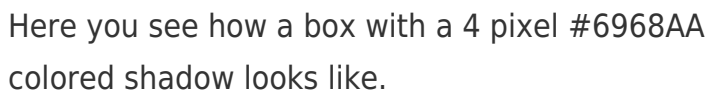
```
.border, #border, table{ border:4px solid
#6968AA }
```

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

```
.border{ border-color:#6968AA }
```

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

Here you see how a box with a 4 pixel #6968AA 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 #6968AA; -webkit-box-shadow:4px 4px  
4px 4px #6968AA; box-shadow:4px 4px 4px  
4px #6968AA }
```

# Background

The CSS property to change the background color of an element to Hex 6968AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6968AA }
```

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

```
.background{ background-color:#6968AA }
```

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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