

# Converting Colors

Hex(6855A9)

Have a look what the booklet for  
Hex(6855A9) contains.

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# Color

**Hex(6855A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6855A9
RGB	104, 85, 169
RGB Percent	41%, 33%, 66%
CMY	0.5922, 0.6667, 0.3373
CMYK	0.38, 0.50, 0.00, 0.34
HSL	254°, 33%, 50%
HSV	254°, 50%, 66%
XYZ	16.1189, 12.3046, 39.0616
YIQ	100.2570, -15.6400, 30.1520

# Conversions

## Conversions Part 2

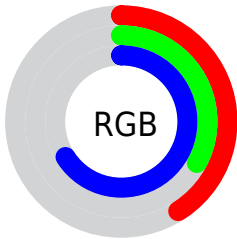
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 85, 169
Decimal	6837673
CIE <sub>Lab</sub>	41.70, 28.07, -42.63
CIE <sub>LCh</sub>	42, 51.044, 303.359
Yxy	12.3046, 0.2389, 0.1823
Android (android.graphics.Color)	4285027753 (0xFF6855A9)
YUV	100.2570, 33.8903, 3.2826
Hunter-Lab	35.0780, 20.6370, -41.4687

# Details

The Hex color **6855A9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **96A955**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9E87E1**, and **332774** is the 20% darker color. If you saturate the color by 10%, you get **5B44A9**, and if you desaturate by 10%, it is **7566A9**.

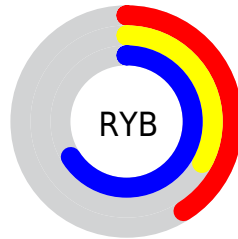
# Distribution



Red (41%)

Green (33%)

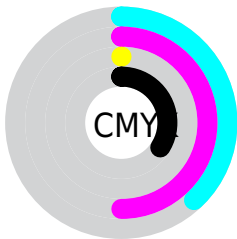
Blue (66%)



Red (41%)

Yellow (33%)

Blue (66%)

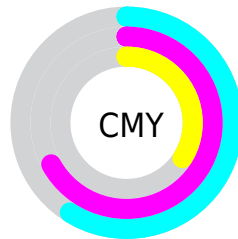


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (67%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6855A9 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 6855A9 by changing the saturation by 10% instead.



6855A9

6855A9

FFFFFF

4E3D8E

9E87E1

332774

BAA1FE

16125B

D7BDFF

000043

F4D8FF

00032C

FFF5FF

000116

000000

6855A9

6855A9

5B44A9

7566A9

■ 4E33A9

■ 8277A9

■ 4122A9

■ 8F88A9

■ 3411A9

■ 9C99A9

■ 2701A9

■ A9A9A9

■ 2600A9

■ B6BAA9

■ C4CBA9

■ D1DCA9

■ DEEDA9

# Harmonies

## Analogous

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



0066B7



6855A9



984189

# Triad

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



6855A9



935212



007666

# Complementary

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



6855A9



96A955

# 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.



00733B



6855A9



726200

# Square

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



6855A9



A94037



476D12



007590

# Rectangle

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



6855A9



A8386E



476D12



007557



# Sweetspot

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



6855A9



C2BADB



5597A9



5E5A6E



EDEDED



6E6E6E



# Same Dimension

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



6855A9



7558DB



9155A9



4E4C54



210094



050014



# Inverse Universe

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



A95596



DB58BE



6DA955



544C52



940072

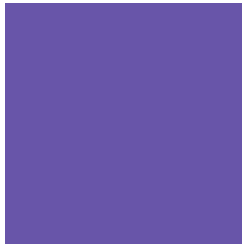


140010



# Previews

## White Background



This preview shows how the Hex color 6855A9 looks on a white background.

## Color Contrast Check

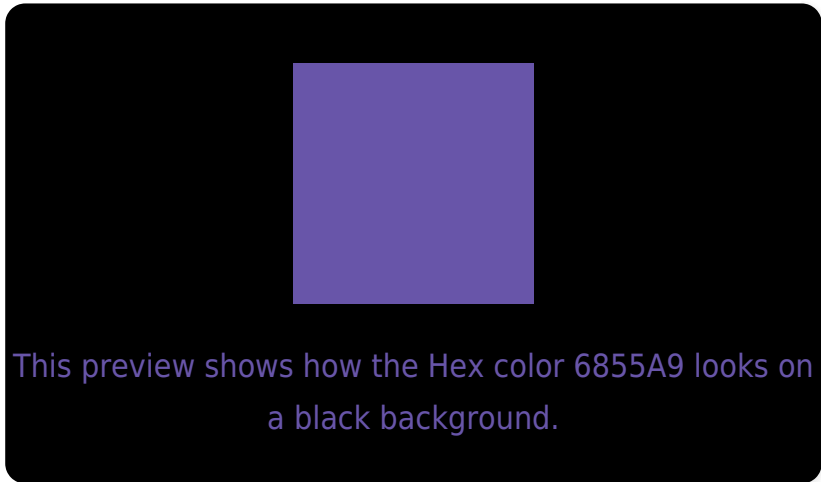
Large Text (above 18pt) WCAG AA ✓ Pass

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 6855A9 Background



This preview shows how black text looks on a background with the Hex color 6855A9.

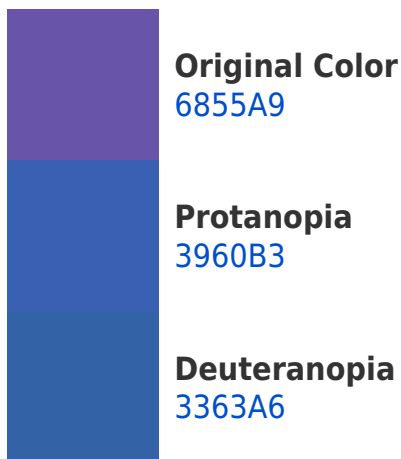



This preview shows how white text looks on a background with the Hex color 6855A9.

# 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](#).

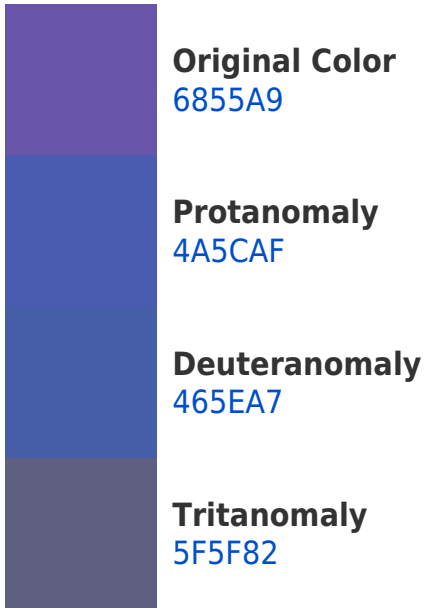
## Dichromacy





**Tritanopia**  
5A646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6855A9 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 #6855A9 looks like.

```
.text, #text, p{  
    color:#6855A9  
}
```

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 #6855A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6855A9
}
```

## Border

The CSS property to change the border of an element to Hex 6855A9 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
#6855A9 }
```

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

```
.border{ border-color:#6855A9 }
```

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

Here you see how a box with a 4 pixel #6855A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6855A9; -webkit-box-shadow:4px 4px  
4px 4px #6855A9; box-shadow:4px 4px 4px  
4px #6855A9 }
```

# Background

The CSS property to change the background color of an element to Hex 6855A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6855A9 }
```

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

```
.background{ background-color:#6855A9 }
```

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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