

Converting Colors

Hex(6834A6)

Have a look what the booklet for
Hex(6834A6) contains.

Hex(6834A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6834A6)

Conversions

Conversions Part 1

Format	Color
Hex	6834A6
RGB	104, 52, 166
RGB Percent	41%, 20%, 65%
CMY	0.5922, 0.7961, 0.3490
CMYK	0.37, 0.69, 0.00, 0.35
HSL	267°, 52%, 43%
HSV	267°, 69%, 65%
XYZ	13.8198, 8.1522, 36.9215
YIQ	80.5440, -5.6020, 46.4780

Conversions

Conversions Part 2

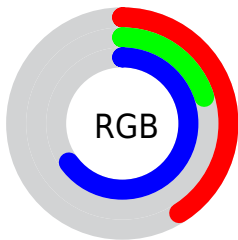
Format	Color
RYB	104, 52, 166
Decimal	6829222
CIELab	34.30, 46.12, -52.75
CIELCh	34, 70.065, 311.165
Yxy	8.1522, 0.2347, 0.1384
Android (android.graphics.Color)	4285019302 (0xFF6834A6)
YUV	80.5440, 42.1298, 20.5709
Hunter-Lab	28.5521, 36.4319, -56.6832

Details

The Hex color **6834A6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **72A634**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A066DE**, and **300071** is the 20% darker color. If you saturate the color by 10%, you get **5F23A6**, and if you desaturate by 10%, it is **7145A6**.

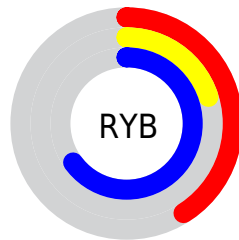
Distribution



Red (41%)

Green (20%)

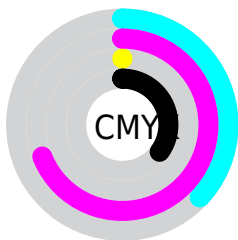
Blue (65%)



Red (41%)

Yellow (20%)

Blue (65%)

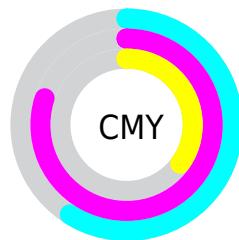


Cyan (37%)

Magenta (69%)

Yellow (0%)

Black (35%)



Cyan (59%)

Magenta (80%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6834A6 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 6834A6 by changing the saturation by 10% instead.

6834A6

6834A6

FFFFFF

4D1B8B

A066DE

300071

BC80FB

110058

D99BFF

000040

F6B6FF

000329

FFD3FF

000112

FFEFFF

000000

6834A6

6834A6

5F23A6

7145A6

■ 5613A6

■ 7A55A6

■ 4D02A6

■ 8366A6

■ 4C00A6

■ 8C76A6

■ 9587A6

■ 9E98A6

■ A7A8A6

■ B0B9A6

■ B9C9A6

Harmonies

Analogous

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



0052C0



6834A6



9F0076

Triad

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



6834A6



7F4000



006765

Complementary

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



6834A6



72A634

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.



00652A



6834A6



515500

Square

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



6834A6



A01804



006000



00669A

Rectangle

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



6834A6



AC0051



006000



006651

Sweetspot

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



6834A6



C0ABD9



3473A6



5F526E



EDEDED



6E6E6E

Same Dimension

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



6834A6



7827D9



A034A6



504C54



430094



090014

Inverse Universe

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



A63472



D92788



3AA634



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 6834A6 looks on a white background.

Color Contrast Check

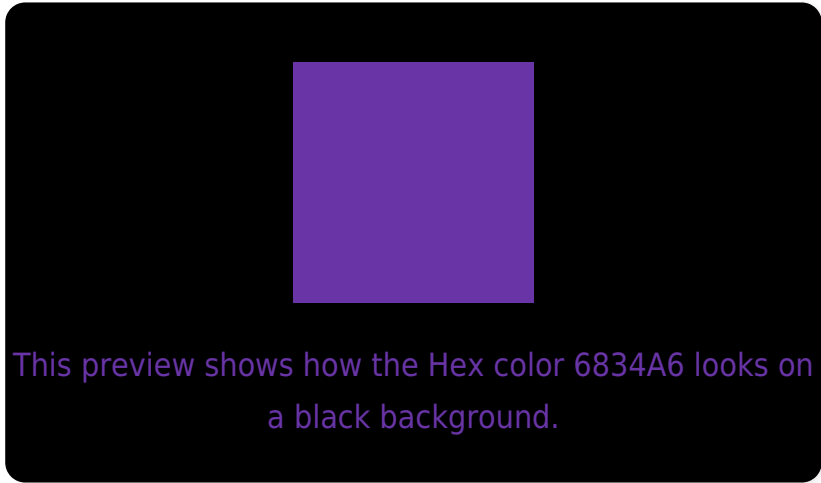
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

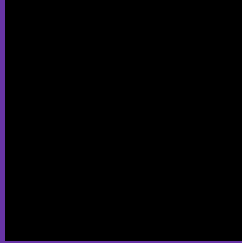
Any Text WCAG AA × Fail

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 6834A6 Background



This preview shows how black text looks on a background with the Hex color 6834A6.

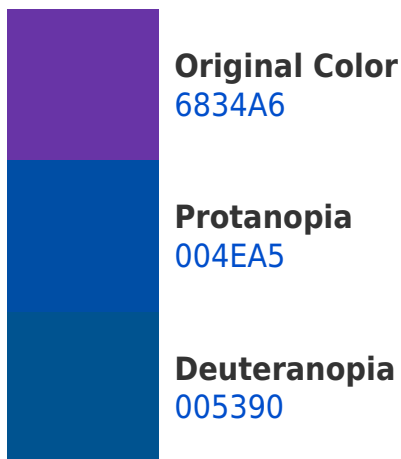


This preview shows how white text looks on a background with the Hex color 6834A6.

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](#).

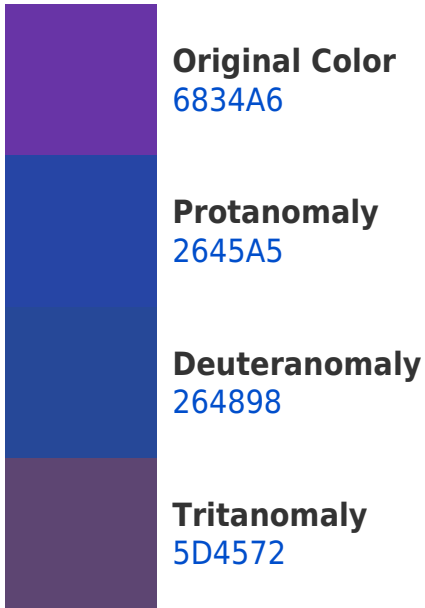
Dichromacy



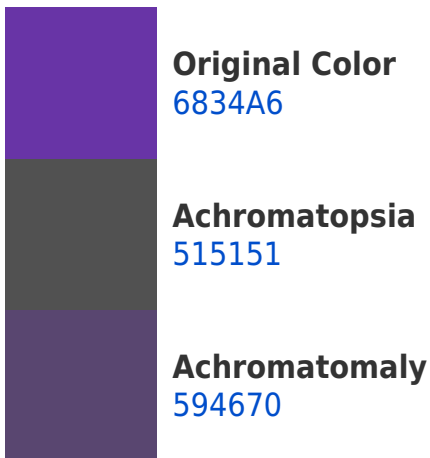


Tritanopia
574E55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6834A6 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 #6834A6 looks like.

```
.text, #text, p{  
    color:#6834A6  
}
```

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 #6834A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6834A6
}
```

Border

The CSS property to change the border of an element to Hex 6834A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

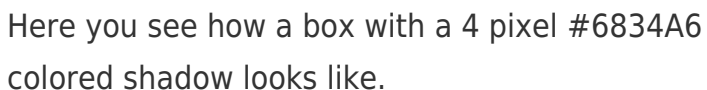
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6834A6 }
```

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

```
.border{ border-color:#6834A6 }
```

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



Here you see how a box with a 4 pixel #6834A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6834A6; -webkit-box-shadow:4px 4px  
4px 4px #6834A6; box-shadow:4px 4px 4px  
4px #6834A6 }
```

Background

The CSS property to change the background color of an element to Hex 6834A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6834A6 }
```

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

```
.background{ background-color:#6834A6 }
```

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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