

Converting Colors

Hex(6864A7)

Have a look what the booklet for
Hex(6864A7) contains.

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Color

Hex(6864A7)

Conversions

Conversions Part 1

Format	Color
Hex	6864A7
RGB	104, 100, 167
RGB Percent	41%, 39%, 65%
CMY	0.5922, 0.6078, 0.3451
CMYK	0.38, 0.40, 0.00, 0.35
HSL	244°, 28%, 52%
HSV	244°, 40%, 65%
XYZ	17.2411, 14.8474, 38.5163
YIQ	108.8340, -19.1230, 21.6850

Conversions

Conversions Part 2

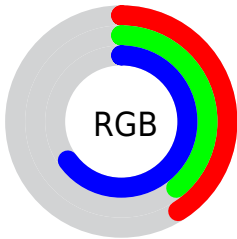
Format	Color
RYB	104, 100, 167
Decimal	6841511
CIELab	45.42, 18.28, -35.54
CIELCh	45, 39.966, 297.215
Yxy	14.8474, 0.2442, 0.2103
Android (android.graphics.Color)	4285031591 (0xFF6864A7)
YUV	108.8340, 28.6758, -4.2394
Hunter-Lab	38.5323, 12.4375, -32.2927

Details

The Hex color **6864A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A3A764**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9D97DE**, and **343573** is the 20% darker color. If you saturate the color by 10%, you get **5853A7**, and if you desaturate by 10%, it is **7875A7**.

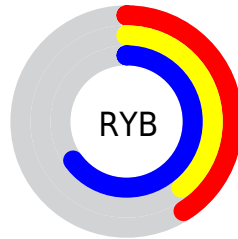
Distribution



Red (41%)

Green (39%)

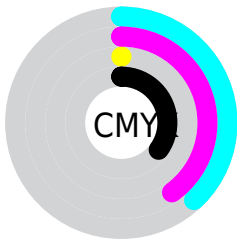
Blue (65%)



Red (41%)

Yellow (39%)

Blue (65%)

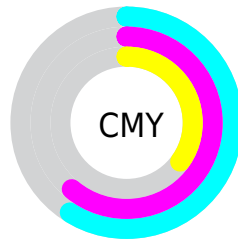


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (35%)



Cyan (59%)

Magenta (61%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6864A7 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 6864A7 by changing the saturation by 10% instead.

6864A7

6864A7

FFFFFF

4E4C8C

9D97DE

343573

B9B2FB

19205A

D5CDFF

000B42

F2E9FF

00032B

000115

000000

6864A7

6864A7

5853A7

7875A7

4943A7

8785A7

3932A7

9796A7

2921A7

A7A7A7

1911A7

B7B7A7

0A00A7

C6C8A7

D6D9A7

E6EAA7

F5FAA7

Harmonies

Analogous

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



1770AE



6864A7



925790

Triad

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



6864A7



9A5C34



007C67

Complementary

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



6864A7



A3A764

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.



357946



6864A7



816926

Square

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



6864A7



A8514F



60732D



007C89

Rectangle

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



6864A7



A2507B



60732D



007B5C

Sweetspot

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



6864A7



C0BFD9



64A4A7



5F5E6E



EDEDED



6E6E6E

Same Dimension

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



6864A7



7771D9



8964A7



4C4C54



090094



010014

Inverse Universe

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



A764A3



D971D3



82A764



544C54



94008B



140013

Previews

White Background



This preview shows how the Hex color 6864A7 looks on a white background.

Color Contrast Check

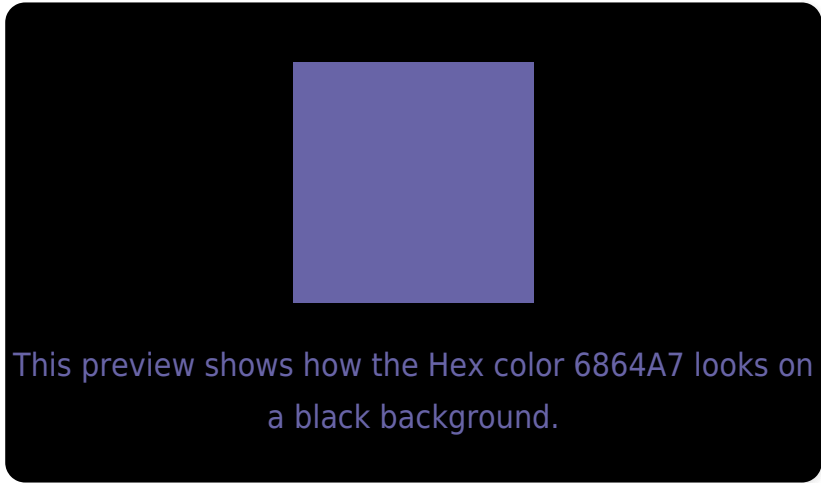
Large Text (above 18pt) WCAG AA ✓ Pass

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

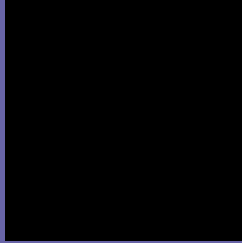
Any Text WCAG AA × Fail

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 6864A7 Background



This preview shows how black text looks on a background with the Hex color 6864A7.

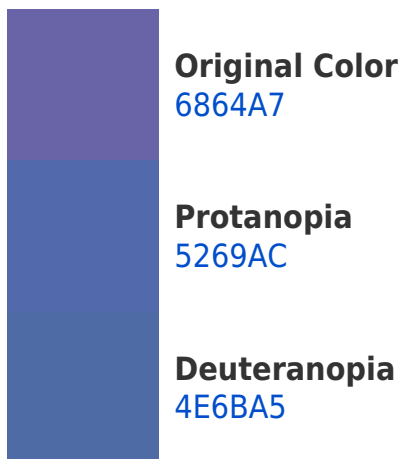


This preview shows how white text looks on a background with the Hex color 6864A7.

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](#).

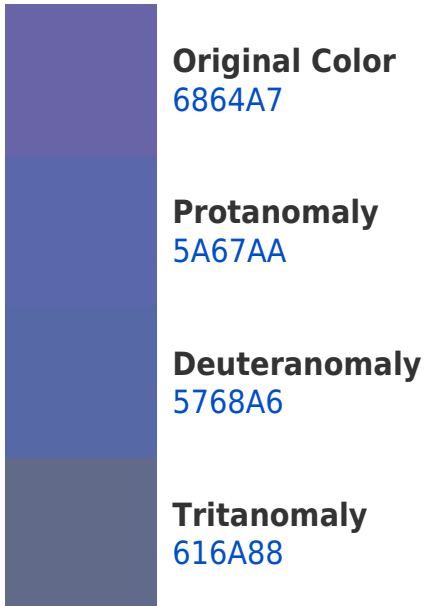
Dichromacy





Tritanopia
5D6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6864A7 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 #6864A7 looks like.

```
.text, #text, p{  
    color:#6864A7  
}
```

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 #6864A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6864A7
}
```

Border

The CSS property to change the border of an element to Hex 6864A7 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
#6864A7 }
```

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

```
.border{ border-color:#6864A7 }
```

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

Here you see how a box with a 4 pixel #6864A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6864A7; -webkit-box-shadow:4px 4px  
4px 4px #6864A7; box-shadow:4px 4px 4px  
4px #6864A7 }
```

Background

The CSS property to change the background color of an element to Hex 6864A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6864A7 }
```

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

```
.background{ background-color:#6864A7 }
```

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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