

Converting Colors

Hex(6872A4)

Have a look what the booklet for
Hex(6872A4) contains.

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Color

Hex(6872A4)

Conversions

Conversions Part 1

Format	Color
Hex	6872A4
RGB	104, 114, 164
RGB Percent	41%, 45%, 64%
CMY	0.5922, 0.5529, 0.3569
CMYK	0.37, 0.30, 0.00, 0.36
HSL	230°, 25%, 53%
HSV	230°, 37%, 64%
XYZ	18.4271, 17.6580, 37.5591
YIQ	116.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

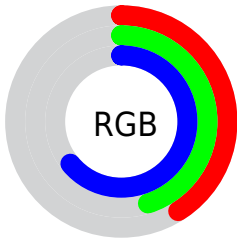
Format	Color
RYB	104, 113, 164
Decimal	6845092
CIELab	49.08, 8.87, -28.06
CIELCh	49, 29.430, 287.549
Yxy	17.6580, 0.2502, 0.2398
Android (android.graphics.Color)	4285035172 (0xFF6872A4)
YUV	116.7100, 23.3140, -11.1467
Hunter-Lab	42.0214, 4.7376, -23.5788

Details

The Hex color **6872A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49A68**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DA6DB**, and **354270** is the 20% darker color. If you saturate the color by 10%, you get **5864A4**, and if you desaturate by 10%, it is **7880A4**.

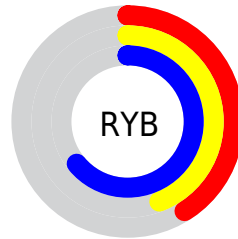
Distribution



Red (41%)

Green (45%)

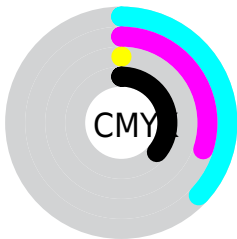
Blue (64%)



Red (41%)

Yellow (44%)

Blue (64%)

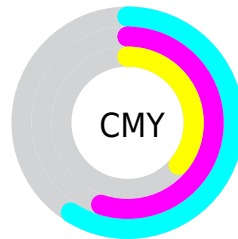


Cyan (37%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6872A4 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 6872A4 by changing the saturation by 10% instead.



6872A4



6872A4

FFFFFF



4E5A8A



9DA6DB



354270



B8C1F8



1C2C57



D5DDFF



001840



F1F9FF



00002A



000114



000000



6872A4



6872A4



5864A4



7880A4

■ 4757A4

■ 898DA4

■ 3749A4

■ 999BA4

■ 263BA4

■ AAA9A4

■ 162EA4

■ BAB6A4

■ 0620A4

■ CAC4A4

■ 001BA4

■ DBD2A4

■ EBDFA4

■ FCEDA4

Harmonies

Analogous

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



3D7AA5



6872A4



8A6996

Triad

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



6872A4



9F6751



398169

Complementary

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



6872A4



A49A68

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.



5A7E52



6872A4



8E7044

Square

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



6872A4



A56267



767844



0E8283

Rectangle

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



6872A4



996488



767844



458061

Sweetspot

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



6872A4



BFC3D6



68A49A



5D5F6B



EBEBEB



6B6B6B

Same Dimension

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



6872A4



7888D6



7C68A4



494B52



001891



000312

Inverse Universe

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



A46872



D67888



90A468



52494B



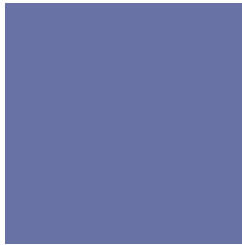
910018



120003

Previews

White Background



This preview shows how the Hex color 6872A4 looks on a white background.

Color Contrast Check

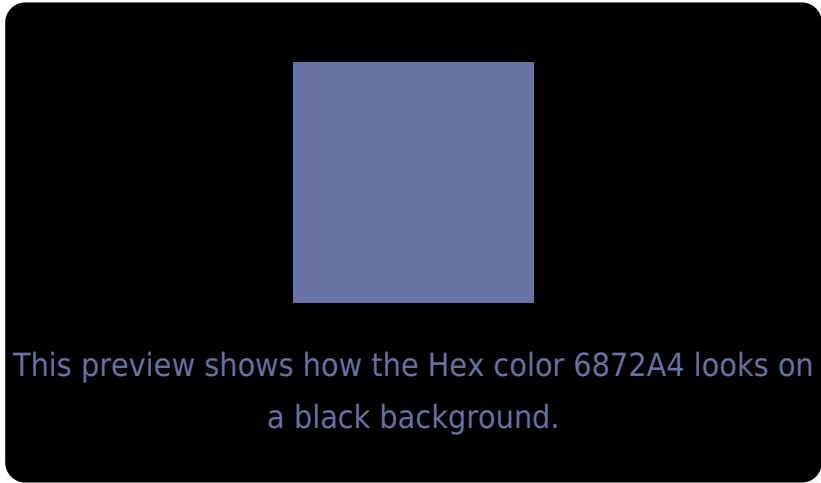
Large Text (above 18pt) WCAG AA ✓ Pass

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

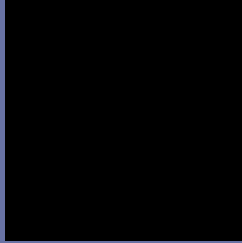
Any Text WCAG AA ✓ Pass

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 6872A4 Background



This preview shows how black text looks on a background with the Hex color 6872A4.



This preview shows how white text looks on a background with the Hex color 6872A4.

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

6872A4

Protanopia

6573A5

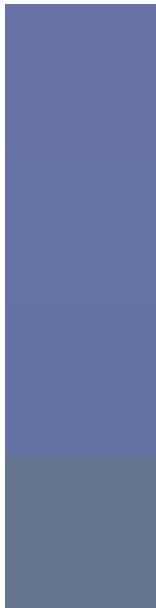
Deuteranopia

6473A4



Tritanopia
607982

Trichromacy



Original Color
6872A4

Protanomaly
6673A5

Deuteranomaly
6573A4

Tritanomaly
63768E

Monochromacy



Original Color
6872A4

Achromatopsia
757575

Achromatomaly
707486

CSS Examples

Text

The CSS property to change the color of the text to Hex 6872A4 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 #6872A4 looks like.

```
.text, #text, p{  
    color:#6872A4  
}
```

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 #6872A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6872A4
}
```

Border

The CSS property to change the border of an element to Hex 6872A4 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".

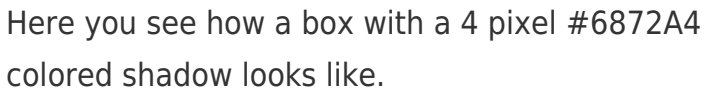
```
.border, #border, table{ border:4px solid
#6872A4 }
```

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

```
.border{ border-color:#6872A4 }
```

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

Here you see how a box with a 4 pixel #6872A4 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 #6872A4; -webkit-box-shadow:4px 4px  
4px 4px #6872A4; box-shadow:4px 4px 4px  
4px #6872A4 }
```

Background

The CSS property to change the background color of an element to Hex 6872A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6872A4 }
```

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

```
.background{ background-color:#6872A4 }
```

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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