

Converting Colors

Hex(6872CA)

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

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Color

Hex(6872CA)

Conversions

Conversions Part 1

Format	Color
Hex	6872CA
RGB	104, 114, 202
RGB Percent	41%, 45%, 79%
CMY	0.5922, 0.5529, 0.2078
CMYK	0.49, 0.44, 0.00, 0.21
HSL	234°, 48%, 60%
HSV	234°, 49%, 79%
XYZ	22.3869, 19.2420, 58.4113
YIQ	121.0420, -34.2080, 25.2480

Conversions

Conversions Part 2

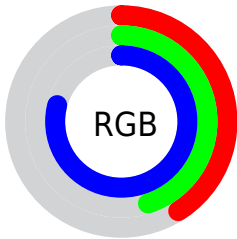
Format	Color
RYB	104, 113, 202
Decimal	6845130
CIELab	50.97, 20.12, -47.04
CIElCh	51, 51.168, 293.160
Yxy	19.2420, 0.2238, 0.1923
Android (android.graphics.Color)	4285035210 (0xFF6872CA)
YUV	121.0420, 39.9123, -14.9458
Hunter-Lab	43.8656, 14.3329, -48.2443

Details

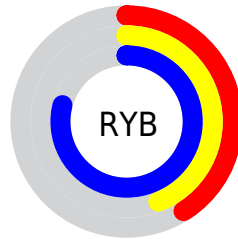
The Hex color **6872CA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CAC068**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A0A6FF**, and **2E4293** is the 20% darker color. If you saturate the color by 10%, you get **5460CA**, and if you desaturate by 10%, it is **7C84CA**.

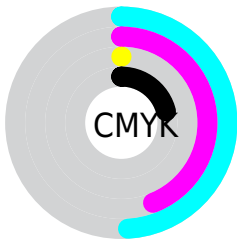
Distribution



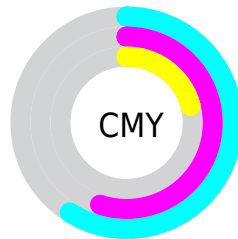
- Red (41%)
- Green (45%)
- Blue (79%)



- Red (41%)
- Yellow (44%)
- Blue (79%)



- Cyan (49%)
- Magenta (44%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

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

■ 6872CA

■ 6872CA

FFFFFF

■ 4C5AAE

■ A0A6FF

■ 2E4293

■ BDC1FF

■ 012D79

■ DADDFE

■ 001960

■ F7F9FF

■ 000048

■ 000430

■ 00011A

■ 000000

■ 6872CA

■ 6872CA

■ 5460CA

■ 7C84CA

■ 404ECA

■ 9096CA

■ 2B3CCA

■ A5A8CA

■ 1729CA

■ B9BBCA

■ 0317CA

■ CDCDCA

■ 0015CA

■ E1DFCA

■ F5F1CA

■ FFFFCA

Harmonies

Analogous

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



0081D0



6872CA



A55FAE

Triad

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



6872CA



B86234



008E6E

Complementary

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



6872CA



CAC068

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.



368A42



6872CA



99741A

Square

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



6872CA



C8535A



6F8121



008E9A

Rectangle

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



6872CA



BC5594



6F8121



008D5F

Sweetspot

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



6872CA



D9DDFF



68CABF



696B80



000000



808080

Same Dimension

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



6872CA



6B7AFF



8E68CA



5C5D66



0011A6



000426

Inverse Universe

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



CA6872



FF6B7A



A4CA68



665C5D



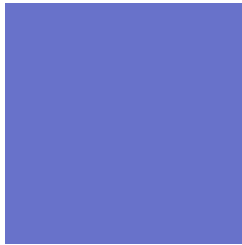
A60011



260004

Previews

White Background



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

Color Contrast Check

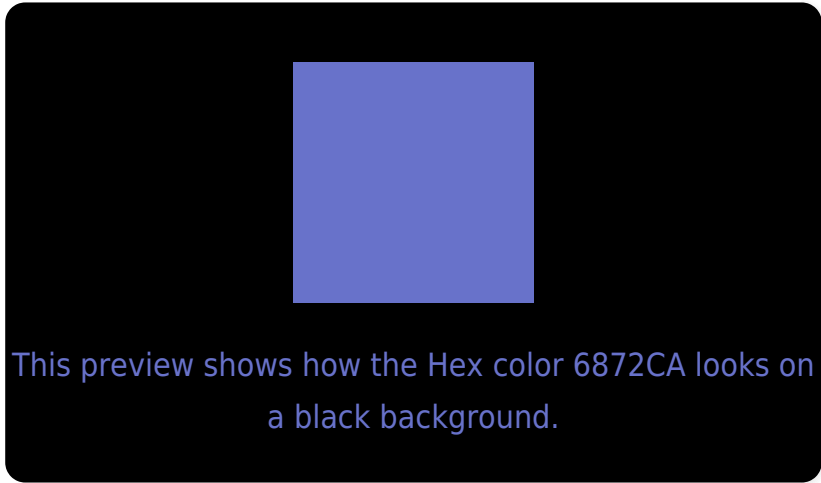
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 6872CA Background



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

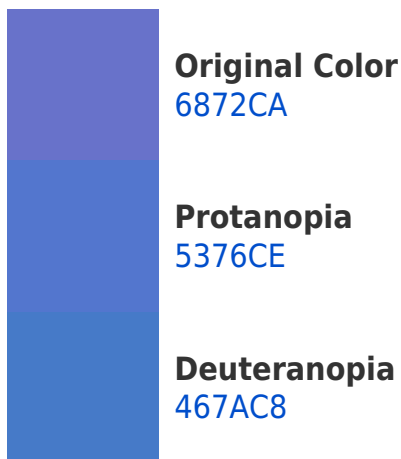


This preview shows how white text looks on a background with the Hex color 6872CA.

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](#).

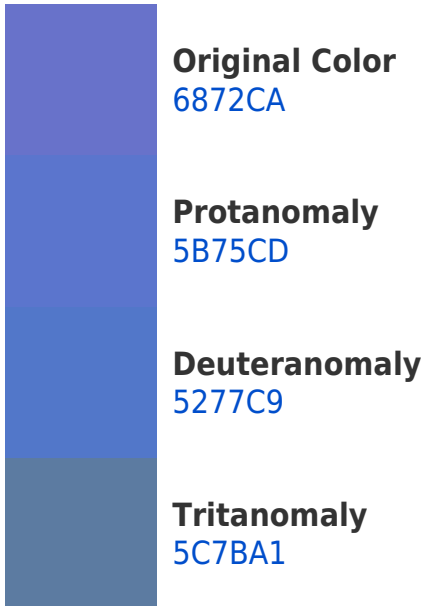
Dichromacy





Tritanopia
55808A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6872CA colored shadow looks like.

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

Border

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

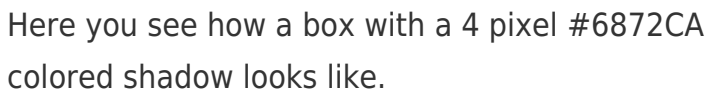
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



Here you see how a box with a 4 pixel #6872CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6872CA; -webkit-box-shadow:4px 4px  
4px 4px #6872CA; box-shadow:4px 4px 4px  
4px #6872CA }
```

Background

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

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

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

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

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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