

Converting Colors

Hex(6C68AE)

Have a look what the booklet for
Hex(6C68AE) contains.

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Color

Hex(6C68AE)

Conversions

Conversions Part 1

Format	Color
Hex	6C68AE
RGB	108, 104, 174
RGB Percent	42%, 41%, 68%
CMY	0.5765, 0.5922, 0.3176
CMYK	0.38, 0.40, 0.00, 0.32
HSL	243°, 30%, 55%
HSV	243°, 40%, 68%
XYZ	18.7746, 16.1448, 42.1711
YIQ	113.1760, -20.0860, 22.6180

Conversions

Conversions Part 2

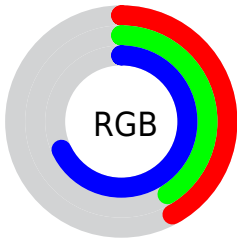
Format	Color
R _Y B	108, 104, 174
Decimal	7104686
CIE Lab	47.16, 18.94, -36.88
CIE LCh	47, 41.459, 297.175
Yxy	16.1448, 0.2435, 0.2094
Android (android.graphics.Color)	4285294766 (0xFF6C68AE)
YUV	113.1760, 29.9862, -4.5394
Hunter-Lab	40.1806, 13.0894, -34.1009

Details

The Hex color **6C68AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAAE68**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A29BE6**, and **383979** is the 20% darker color. If you saturate the color by 10%, you get **5C57AE**, and if you desaturate by 10%, it is **7C79AE**.

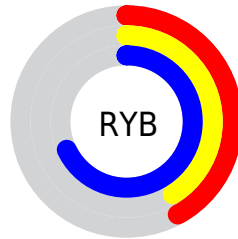
Distribution



Red (42%)

Green (41%)

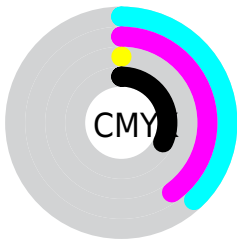
Blue (68%)



Red (42%)

Yellow (41%)

Blue (68%)

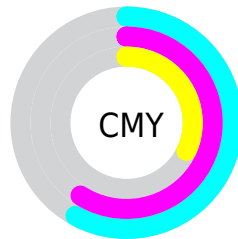


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (59%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C68AE 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 6C68AE by changing the saturation by 10% instead.

■ 6C68AE

■ 6C68AE

FFFFFF

■ 525093

■ A29BE6

■ 383979

■ BEB6FF

■ 1D2460

■ DAD2FF

■ 001048

■ F7EEFF

■ 000031

■ 00011B

■ 000000

■ 6C68AE

■ 6C68AE

■ 5C57AE

■ 7C79AE

■ 4B45AE

■ 8D8BAE

■ 3B34AE

■ 9D9CAE

■ 2A22AE

■ AEAEAE

■ 1A11AE

■ BEBFAE

■ 0A00AE

■ CED0AE

■ DFE2AE

■ EFF3AE

■ FFFFAE

Harmonies

Analogous

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



1575B5



6C68AE



975A96

Triad

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



6C68AE



A16036



00816B

Complementary

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



6C68AE



AAAE68

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.



377E48



6C68AE



866D27

Square

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



6C68AE



AF5452



64772E



00818F

Rectangle

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



6C68AE



A85380



64772E



00805F

Sweetspot

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



6C68AE



C9C8E3



68ABAE



646373



F2F2F2



737373

Same Dimension

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



6C68AE



7C76E3



8E68AE



4F4E57



090096



010017

Inverse Universe

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



AE68AA



E376DD



88AE68



574E56



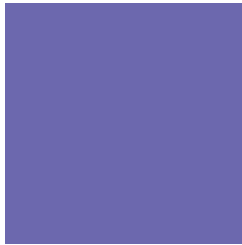
96008E



170016

Previews

White Background



This preview shows how the Hex color 6C68AE looks on a white background.

Color Contrast Check

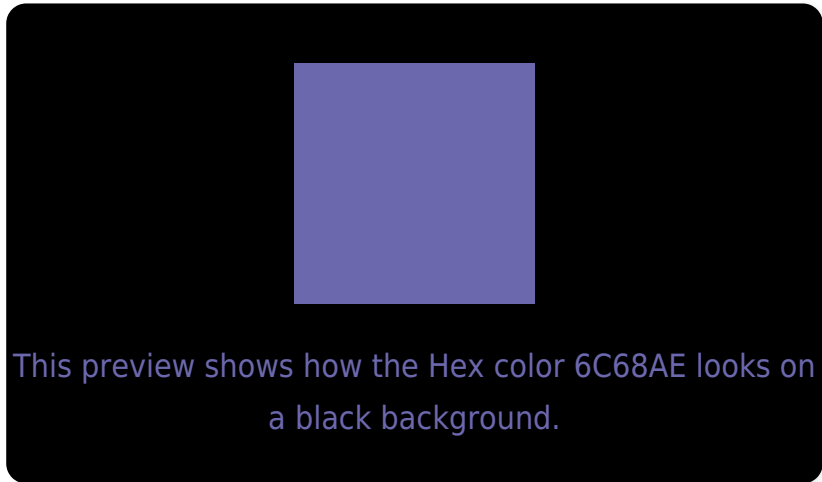
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C68AE Background



This preview shows how black text looks on a background with the Hex color 6C68AE.

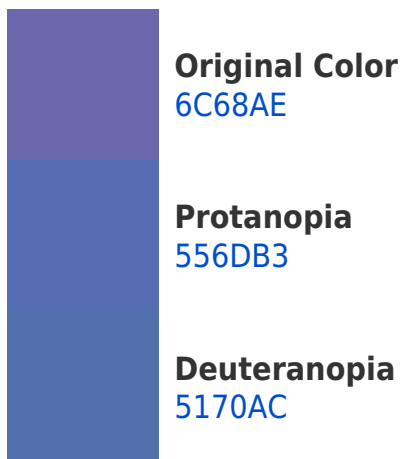


This preview shows how white text looks on a background with the Hex color 6C68AE.

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](#).

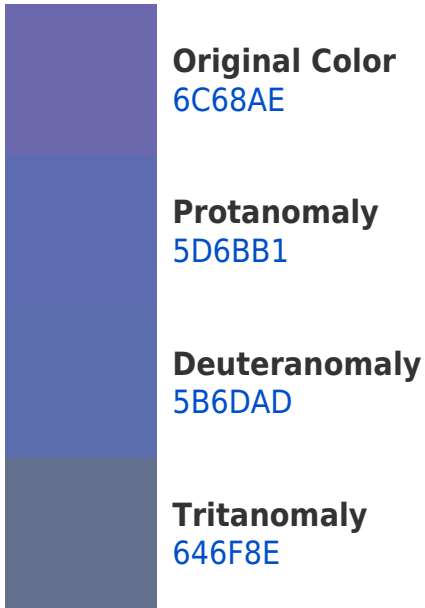
Dichromacy



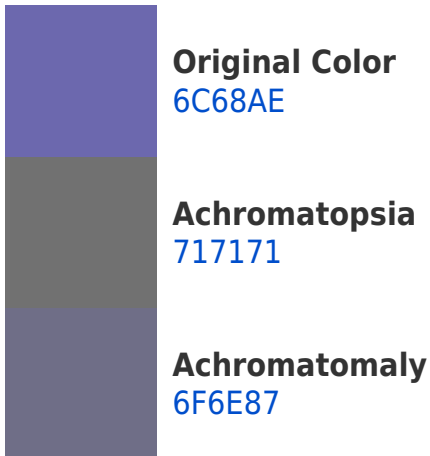


Tritanopia
60737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C68AE 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 #6C68AE looks like.

```
.text, #text, p{  
    color:#6C68AE  
}
```

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 #6C68AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C68AE
}
```

Border

The CSS property to change the border of an element to Hex 6C68AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

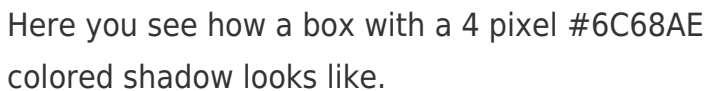
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C68AE }
```

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

```
.border{ border-color:#6C68AE }
```

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



Here you see how a box with a 4 pixel #6C68AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C68AE; -webkit-box-shadow:4px 4px  
4px 4px #6C68AE; box-shadow:4px 4px 4px  
4px #6C68AE }
```

Background

The CSS property to change the background color of an element to Hex 6C68AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C68AE }
```

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

```
.background{ background-color:#6C68AE }
```

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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