

Converting Colors

Hex(4C4BA3)

Have a look what the booklet for
Hex(4C4BA3) contains.

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Color

Hex(4C4BA3)

Conversions

Conversions Part 1

Format	Color
Hex	4C4BA3
RGB	76, 75, 163
RGB Percent	30%, 29%, 64%
CMY	0.7020, 0.7059, 0.3608
CMYK	0.53, 0.54, 0.00, 0.36
HSL	241°, 37%, 47%
HSV	241°, 54%, 64%
XYZ	12.1074, 9.2130, 35.7905
YIQ	85.3310, -27.6520, 27.5800

Conversions

Conversions Part 2

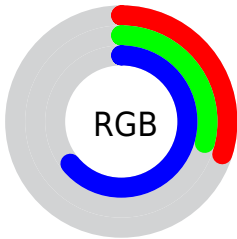
Format	Color
RYB	76, 75, 163
Decimal	5000099
CIELab	36.39, 25.75, -47.70
CIElCh	36, 54.207, 298.367
Yxy	9.2130, 0.2120, 0.1613
Android (android.graphics.Color)	4283190179 (0xFF4C4BA3)
YUV	85.3310, 38.2908, -8.1833
Hunter-Lab	30.3529, 18.0840, -48.6644

Details

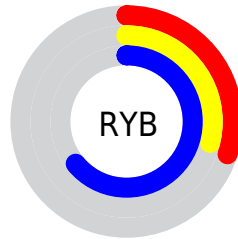
The Hex color **4C4BA3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A2A34B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **837CDB**, and **091F6E** is the 20% darker color. If you saturate the color by 10%, you get **3C3BA3**, and if you desaturate by 10%, it is **5C5BA3**.

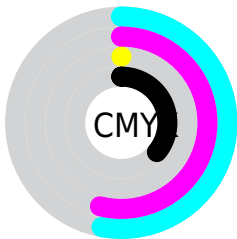
Distribution



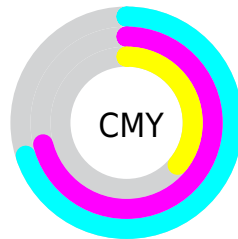
- Red (30%)
- Green (29%)
- Blue (64%)



- Red (30%)
- Yellow (29%)
- Blue (64%)



- Cyan (53%)
- Magenta (54%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4BA3 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 4C4BA3 by changing the saturation by 10% instead.

■ 4C4BA3

■ 4C4BA3

FFFFFF

■ 2F3488

■ 837CDB

■ 091F6E

■ 9F96F7

■ 000B55

■ BBB0FF

■ 00003E

■ D8CCFF

■ 000327

■ F6E8FF

■ 000110

■ 000000

■ 4C4BA3

■ 4C4BA3

■ 3C3BA3

■ 5C5BA3

■ 2C2AA3

■ 6C6CA3

■ 1C1AA3

■ 7C7CA3

■ 0C0AA3

■ 8C8CA3

■ 0200A3

■ 9D9CA3

■ ADADA3

■ BDBDA3

■ CDCDA3

■ DDDEA3

Harmonies

Analogous

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



005CAD



4C4BA3



873484

Triad

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



4C4BA3



8B4102



006852

Complementary

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



4C4BA3



A2A34B

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.



006524



4C4BA3



6A5300

Square

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



4C4BA3



9F2A2F



3F5F00



00697E

Rectangle

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



4C4BA3



9A2568



3F5F00



006843

Sweetspot

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



4C4BA3



B2B2D4



4BA3A3



57576B



EBEBEB



6B6B6B

Same Dimension

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



4C4BA3



4C4AD4



774BA3



4A4952



020091



000012

Inverse Universe

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



A34BA2



D44AD2



77A34B



524952



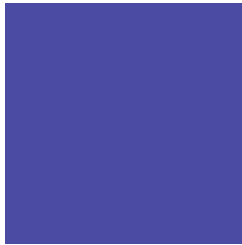
910090



120012

Previews

White Background



This preview shows how the Hex color 4C4BA3 looks on a white background.

Color Contrast Check

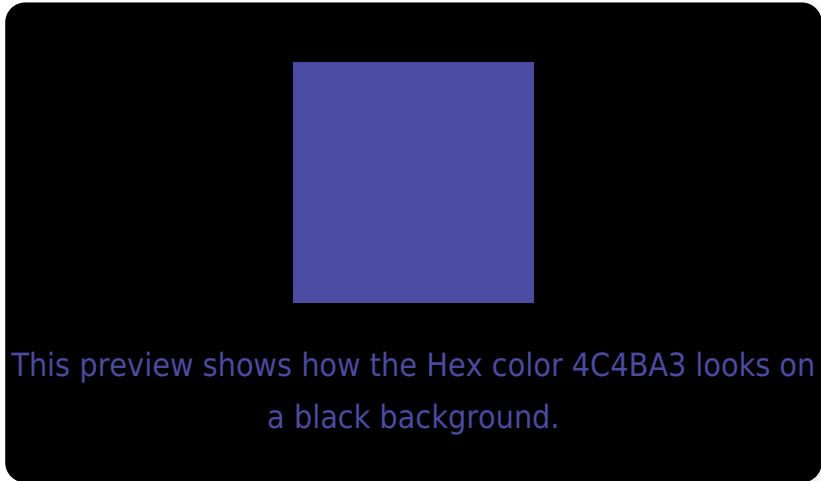
Large Text (above 18pt) WCAG AA ✓ Pass

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

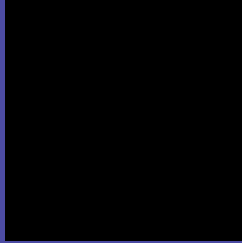
Any Text WCAG AA × Fail

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 4C4BA3 Background



This preview shows how black text looks on a background with the Hex color 4C4BA3.

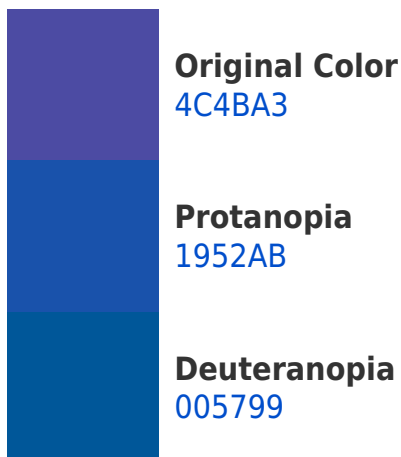


This preview shows how white text looks on a background with the Hex color 4C4BA3.

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](#).

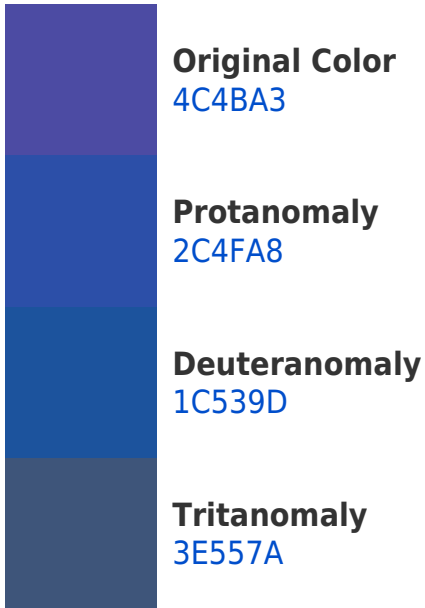
Dichromacy



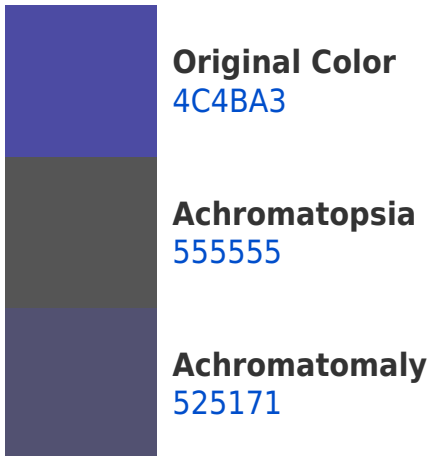


Tritanopia
365B63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4BA3 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 #4C4BA3 looks like.

```
.text, #text, p{  
    color:#4C4BA3  
}
```

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 #4C4BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4BA3
}
```

Border

The CSS property to change the border of an element to Hex 4C4BA3 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
#4C4BA3 }
```

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

```
.border{ border-color:#4C4BA3 }
```

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

Here you see how a box with a 4 pixel #4C4BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4BA3; -webkit-box-shadow:4px 4px  
4px 4px #4C4BA3; box-shadow:4px 4px 4px  
4px #4C4BA3 }
```

Background

The CSS property to change the background color of an element to Hex 4C4BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4BA3 }
```

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

```
.background{ background-color:#4C4BA3 }
```

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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