

Converting Colors

Hex(4C5AAC)

Have a look what the booklet for
Hex(4C5AAC) contains.

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Color

Hex(4C5AAC)

Conversions

Conversions Part 1

Format	Color
Hex	4C5AAC
RGB	76, 90, 172
RGB Percent	30%, 35%, 67%
CMY	0.7020, 0.6471, 0.3255
CMYK	0.56, 0.48, 0.00, 0.33
HSL	231°, 39%, 49%
HSV	231°, 56%, 67%
XYZ	14.0830, 11.8274, 40.5704
YIQ	95.1620, -34.6660, 22.5340

Conversions

Conversions Part 2

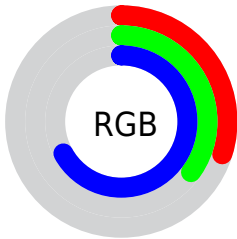
Format	Color
RYB	76, 88, 172
Decimal	5003948
CIELab	40.94, 19.15, -45.74
CIELCh	41, 49.589, 292.712
Yxy	11.8274, 0.2118, 0.1779
Android (android.graphics.Color)	4283194028 (0xFF4C5AAC)
YUV	95.1620, 37.8811, -16.8051
Hunter-Lab	34.3910, 12.9113, -45.8696

Details

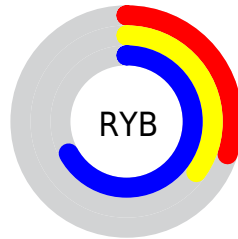
The Hex color **4C5AAC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC9E4C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **848CE4**, and **042D77** is the 20% darker color. If you saturate the color by 10%, you get **3B4BAC**, and if you desaturate by 10%, it is **5D69AC**.

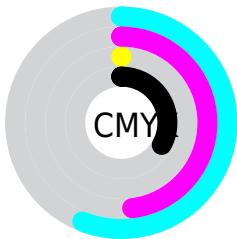
Distribution



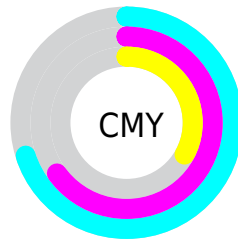
- Red (30%)
- Green (35%)
- Blue (67%)



- Red (30%)
- Yellow (35%)
- Blue (67%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5AAC 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 4C5AAC by changing the saturation by 10% instead.

■ 4C5AAC

■ 4C5AAC

FFFFFF

■ 2F4391

■ 848CE4

■ 042D77

■ A0A6FF

■ 00195E

■ BCC1FF

■ 000046

■ D9DDFF

■ 00042E

■ F7FAFF

■ 000119

■ 000000

■ 4C5AAC

■ 4C5AAC

■ 3B4BAC

■ 5D69AC

■ 2A3DAC

■ 6E77AC

■ 182EAC

■ 8086AC

■ 071FAC

■ 9195AC

■ 0019AC

■ A2A3AC

■ B3B2AC

■ C4C1AC

■ D6D0AC

■ E7DEAC

Harmonies

Analogous

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



0068B1



4C5AAC



884792

Triad

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



4C5AAC



994A1F



007355

Complementary

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



4C5AAC



AC9E4C

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.



1D6F2C



4C5AAC



7C5B00

Square

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



4C5AAC



A83A44



566805



00737F

Rectangle

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



4C5AAC



9D3C7A



566805



007247

Sweetspot

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



4C5AAC



BAC0E0



4CAC9E



5A5D70



F0F0F0



707070

Same Dimension

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



4C5AAC



4A60E0



6E4CAC



4E4F57



001696



000317

Inverse Universe

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



AC4C5A



E04A60



8AAC4C



574E4F



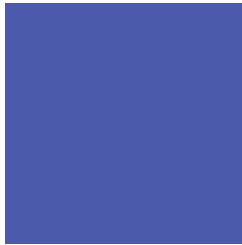
960016



170003

Previews

White Background



This preview shows how the Hex color 4C5AAC looks on a white background.

Color Contrast Check

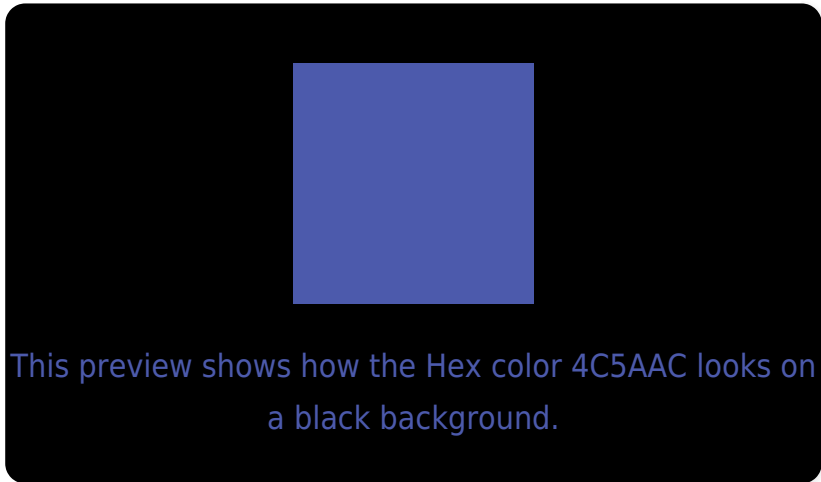
Large Text (above 18pt) WCAG AA ✓ Pass

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

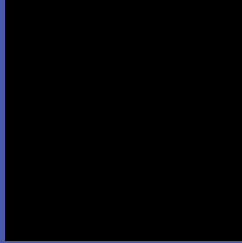
Any Text WCAG AA × Fail

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 4C5AAC Background



This preview shows how black text looks on a background with the Hex color 4C5AAC.

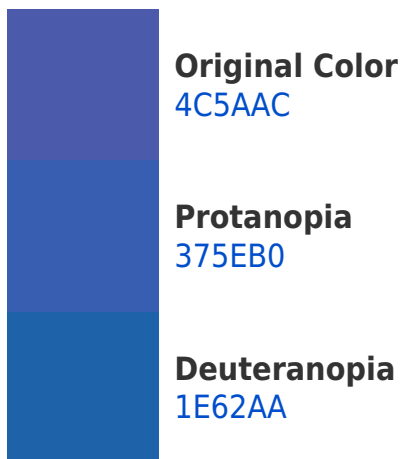


This preview shows how white text looks on a background with the Hex color 4C5AAC.

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](#).

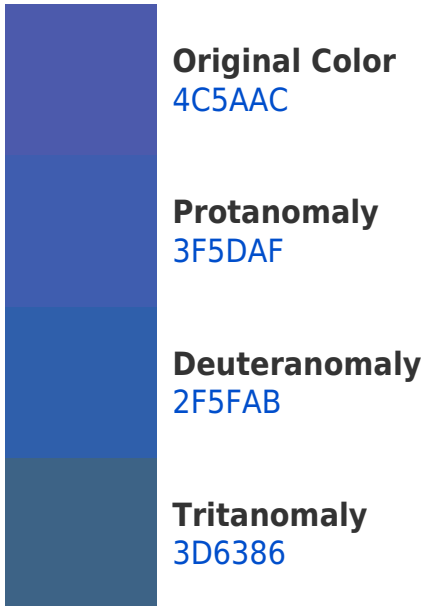
Dichromacy



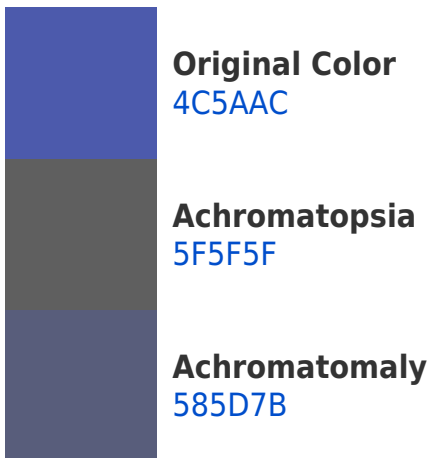


Tritanopia
356870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5AAC 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 #4C5AAC looks like.

```
.text, #text, p{  
    color:#4C5AAC  
}
```

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 #4C5AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5AAC
}
```

Border

The CSS property to change the border of an element to Hex 4C5AAC 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
#4C5AAC }
```

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

```
.border{ border-color:#4C5AAC }
```

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

Here you see how a box with a 4 pixel #4C5AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5AAC; -webkit-box-shadow:4px 4px  
4px 4px #4C5AAC; box-shadow:4px 4px 4px  
4px #4C5AAC }
```

Background

The CSS property to change the background color of an element to Hex 4C5AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5AAC }
```

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

```
.background{ background-color:#4C5AAC }
```

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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