

Converting Colors

Hex(4C6EAD)

Have a look what the booklet for
Hex(4C6EAD) contains.

Hex(4C6EAD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C6EAD)

Conversions

Conversions Part 1

Format	Color
Hex	4C6EAD
RGB	76, 110, 173
RGB Percent	30%, 43%, 68%
CMY	0.7020, 0.5686, 0.3216
CMYK	0.56, 0.36, 0.00, 0.32
HSL	219°, 39%, 49%
HSV	219°, 56%, 68%
XYZ	16.0992, 15.7055, 41.7181
YIQ	107.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

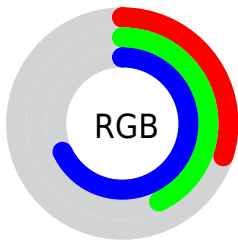
Format	Color
R_{YB}	76, 101, 173
Decimal	5009069
CIE Lab	46.59, 6.88, -37.36
CIE LCh	47, 37.984, 280.437
Yxy	15.7055, 0.2190, 0.2136
Android (android.graphics.Color)	4283199149 (0xFF4C6EAD)
YUV	107.0160, 32.5301, -27.2010
Hunter-Lab	39.6302, 3.1606, -34.6726

Details

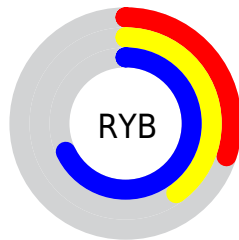
The Hex color **4C6EAD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD8B4C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **83A1E5**, and **063F78** is the 20% darker color. If you saturate the color by 10%, you get **3B63AD**, and if you desaturate by 10%, it is **5D79AD**.

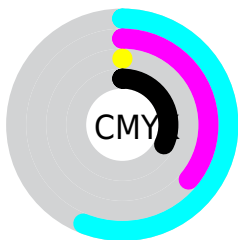
Distribution



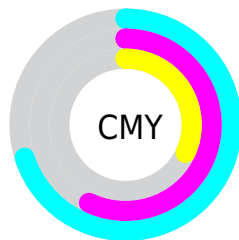
- Red (30%)
- Green (43%)
- Blue (68%)



- Red (30%)
- Yellow (40%)
- Blue (68%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (57%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6EAD 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 4C6EAD by changing the saturation by 10% instead.

■ 4C6EAD

■ 4C6EAD

FFFFFF

■ 2F5692

■ 83A1E5

■ 063F78

■ 9FBCFF

■ 00295F

■ BCD8FF

■ 001647

■ D9F4FF

■ 000430

■ F6FFFF

■ 00011A

■ 000000

■ 4C6EAD

■ 4C6EAD

■ 3B63AD

■ 5D79AD

■ 2958AD

■ 6F84AD

■ 184CAD

■ 8090AD

■ 0741AD

■ 919BAD

■ 003DAD

■ A3A6AD

■ B4B1AD

■ C5BDAD

■ D6C8AD

■ E8D3AD

Harmonies

Analogous

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



0078AA



4C6EAD



7F629F

Triad

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



4C6EAD



A55A47



227D58

Complementary

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



4C6EAD



AD8B4C

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.



54783C



4C6EAD



926532

Square

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



4C6EAD



AA5364



76702D



007F79

Rectangle

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



4C6EAD



965A8E



76702D



367C4E

Sweetspot

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



4C6EAD



BAC8E0



4CAD89



5A6270



F0F0F0



707070

Same Dimension

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



4C6EAD



4A7FE0



594CAD



4E5157



003596



000817

Inverse Universe

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



AD4C6E



E04A7F



A0AD4C



574E51



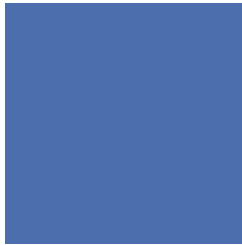
960035



170008

Previews

White Background



This preview shows how the Hex color 4C6EAD looks on a white background.

Color Contrast Check

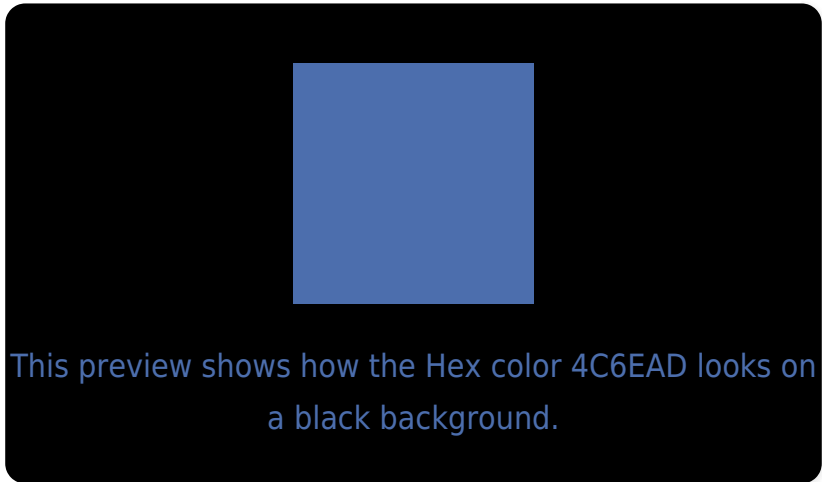
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C6EAD Background



This preview shows how black text looks on a background with the Hex color 4C6EAD.

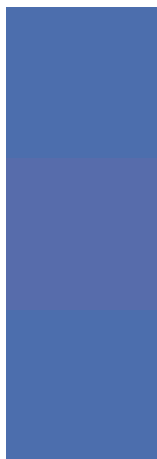


This preview shows how white text looks on a background with the Hex color 4C6EAD.

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
4C6EAD

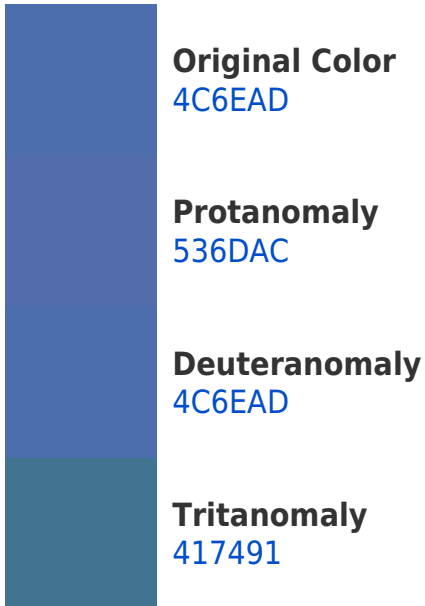
Protanopia
576CAB

Deuteranopia
4C6EAD



Tritanopia
3B7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6EAD 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 #4C6EAD looks like.

```
.text, #text, p{  
    color:#4C6EAD  
}
```

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 #4C6EAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6EAD
}
```

Border

The CSS property to change the border of an element to Hex 4C6EAD 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
#4C6EAD }
```

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

```
.border{ border-color:#4C6EAD }
```

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

Here you see how a box with a 4 pixel #4C6EAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6EAD; -webkit-box-shadow:4px 4px  
4px 4px #4C6EAD; box-shadow:4px 4px 4px  
4px #4C6EAD }
```

Background

The CSS property to change the background color of an element to Hex 4C6EAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6EAD }
```

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

```
.background{ background-color:#4C6EAD }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor