

Converting Colors

Hex(4C5AD3)

Have a look what the booklet for
Hex(4C5AD3) contains.

Hex(4C5AD3)	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(4C5AD3)

Conversions

Conversions Part 1

Format	Color
Hex	4C5AD3
RGB	76, 90, 211
RGB Percent	30%, 35%, 83%
CMY	0.7020, 0.6471, 0.1725
CMYK	0.64, 0.57, 0.00, 0.17
HSL	234°, 61%, 56%
HSV	234°, 64%, 83%
XYZ	18.3945, 13.5520, 63.2743
YIQ	99.6080, -47.1850, 34.6630

Conversions

Conversions Part 2

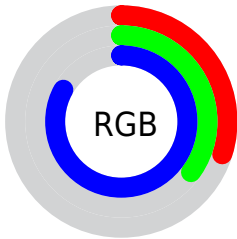
Format	Color
RYB	76, 89, 211
Decimal	5003987
CIELab	43.58, 32.39, -64.17
CIElCh	44, 71.879, 296.783
Yxy	13.5520, 0.1932, 0.1423
Android (android.graphics.Color)	4283194067 (0xFF4C5AD3)
YUV	99.6080, 54.9163, -20.7042
Hunter-Lab	36.8130, 24.7692, -76.1387

Details

The Hex color **4C5AD3** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D3C54C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8A8CFF**, and **002D9B** is the 20% darker color. If you saturate the color by 10%, you get **3747D3**, and if you desaturate by 10%, it is **616DD3**.

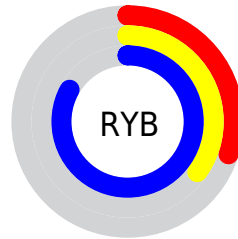
Distribution



Red (30%)

Green (35%)

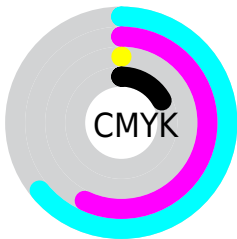
Blue (83%)



Red (30%)

Yellow (35%)

Blue (83%)

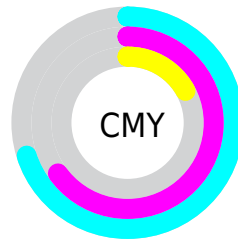


Cyan (64%)

Magenta (57%)

Yellow (0%)

Black (17%)



Cyan (70%)

Magenta (65%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5AD3 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 4C5AD3 by changing the saturation by 10% instead.

■ 4C5AD3

■ 4C5AD3

FFFFFF

■ 2643B7

■ 8A8CFF

■ 002D9B

■ A8A6FF

■ 001981

■ C5C1FF

■ 000367

■ E4DDFF

■ 00064E

■ FFFAFF

■ 000536

■ 000220

■ 000003

■ 000000

■ 4C5AD3

■ 4C5AD3

■ 3747D3

■ 616DD3

■ 2234D3

■ 7680D3

■ 0D21D3

■ 8B93D3

■ 0016D3

■ A0A6D3

■ B6B9D3

■ CBCBD3

■ E0DED3

■ F5F1D3

■ FFFFD3

Harmonies

Analogous

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



0071E0



4C5AD3



A635A9

Triad

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



4C5AD3



AF4700



007F5F

Complementary

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



4C5AD3



D3C54C

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.



007B1D



4C5AD3



836300

Square

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



4C5AD3



C91D36



497300



00809C

Rectangle

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



4C5AD3



C21384



497300



007E4A

Sweetspot

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



4C5AD3



CFD4FF



4CD3C3



626580



000000



808080

Same Dimension

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



4C5AD3



3B4FFF



804CD3



5E5F69



0011A8



000429

Inverse Universe

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



D34C5A



FF3B4F



9FD34C



695E5F



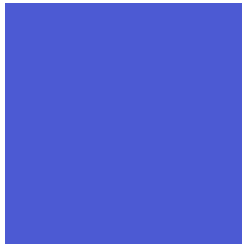
A80011



290004

Previews

White Background



This preview shows how the Hex color 4C5AD3 looks on a white background.

Color Contrast Check

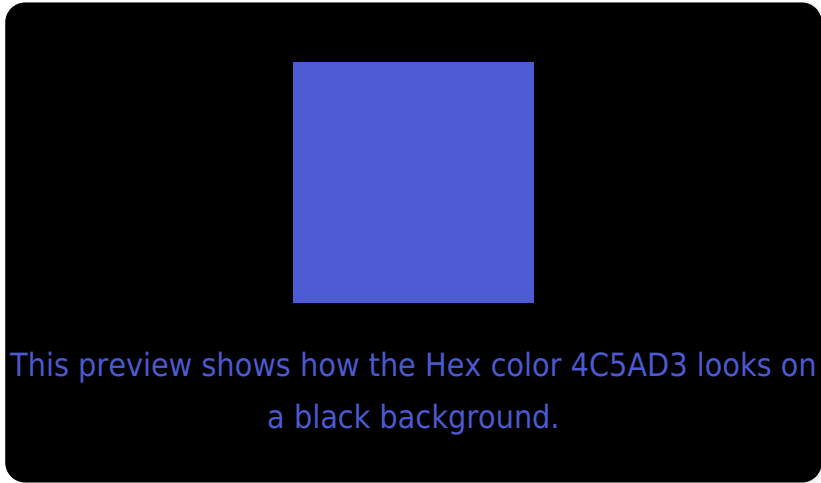
Large Text (above 18pt) WCAG AA ✓ Pass

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

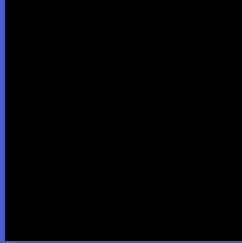
Any Text WCAG AA × Fail

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 4C5AD3 Background



This preview shows how black text looks on a background with the Hex color 4C5AD3.



This preview shows how white text looks on a background with the Hex color 4C5AD3.

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](#).

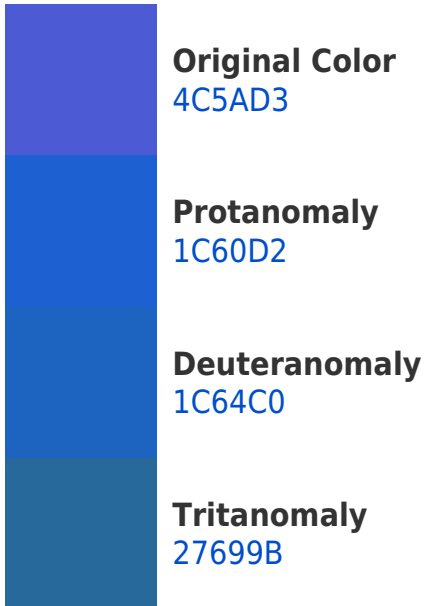
Dichromacy



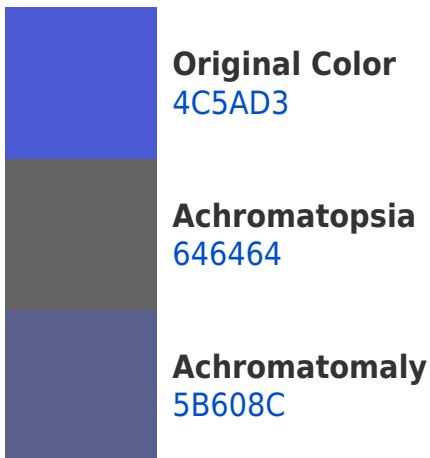


Tritanopia
12727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5AD3 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 #4C5AD3 looks like.

```
.text, #text, p{  
    color:#4C5AD3  
}
```

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 #4C5AD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5AD3  
}
```

Border

The CSS property to change the border of an element to Hex 4C5AD3 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  
#4C5AD3 }
```

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

```
.border{ border-color:#4C5AD3 }
```

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

Here you see how a box with a 4 pixel #4C5AD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5AD3; -webkit-box-shadow:4px 4px  
4px 4px #4C5AD3; box-shadow:4px 4px 4px  
4px #4C5AD3 }
```

Background

The CSS property to change the background color of an element to Hex 4C5AD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5AD3 }
```

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

```
.background{ background-color:#4C5AD3 }
```

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