

Converting Colors

Hex(4C4FAA)

Have a look what the booklet for
Hex(4C4FAA) contains.

Hex(4C4FAA)	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(4C4FAA)

Conversions

Conversions Part 1

Format	Color
Hex	4C4FAA
RGB	76, 79, 170
RGB Percent	30%, 31%, 67%
CMY	0.7020, 0.6902, 0.3333
CMYK	0.55, 0.54, 0.00, 0.33
HSL	238°, 38%, 48%
HSV	238°, 55%, 67%
XYZ	13.0322, 10.0307, 39.2795
YIQ	88.4770, -30.9990, 27.6650

Conversions

Conversions Part 2

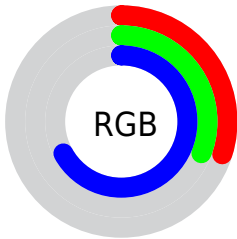
Format	Color
R_{YB}	76, 79, 170
Decimal	5001130
CIE _{Lab}	37.90, 25.51, -49.45
CIE _{LCh}	38, 55.640, 297.290
Yxy	10.0307, 0.2090, 0.1609
Android (android.graphics.Color)	4283191210 (0xFF4C4FAA)
YUV	88.4770, 40.1908, -10.9423
Hunter-Lab	31.6713, 18.0246, -51.3627

Details

The Hex color **4C4FAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AAA74C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8480E2**, and **032375** is the 20% darker color. If you saturate the color by 10%, you get **3B3FAA**, and if you desaturate by 10%, it is **5D5FAA**.

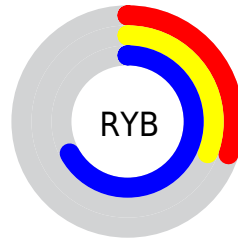
Distribution



Red (30%)

Green (31%)

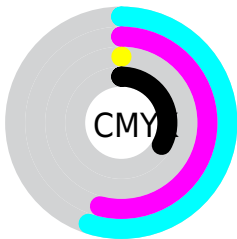
Blue (67%)



Red (30%)

Yellow (31%)

Blue (67%)

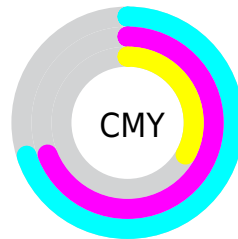


Cyan (55%)

Magenta (54%)

Yellow (0%)

Black (33%)



Cyan (70%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4FAA 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 4C4FAA by changing the saturation by 10% instead.



4C4FAA



4C4FAA

FFFFFF



2E388F



8480E2



032375



A09AFF



000F5C



BDB5FF



000044



DAD0FF



00032C



F7EDFF



000117



000000



4C4FAA



4C4FAA



3B3FAA



5D5FAA

■ 2A2EAA

■ 6E70AA

■ 191EAA

■ 7F80AA

■ 080DAA

■ 9091AA

■ 0005AA

■ A1A1AA

■ B2B2AA

■ C3C2AA

■ D4D3AA

■ E5E3AA

Harmonies

Analogous

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



0060B4



4C4FAA



8A378B

Triad

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



4C4FAA



914304



006D54

Complementary

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



4C4FAA



AAA74C

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.



006924



4C4FAA



705600

Square

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



4C4FAA



A52C33



446300



006D81

Rectangle

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



4C4FAA



9F286E



446300



006C44

Sweetspot

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



4C4FAA



B8B9DE



4CAAA7



5A5A70



F0F0F0



707070

Same Dimension

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



4C4FAA



4B50DE



784CAA



4C4C54



000594



000114

Inverse Universe

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



AA4C4F



DE4B50



7EAA4C



544C4C



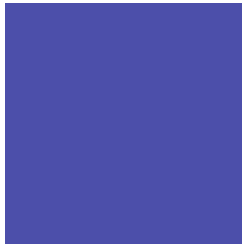
940005



140001

Previews

White Background



This preview shows how the Hex color 4C4FAA looks on a white background.

Color Contrast Check

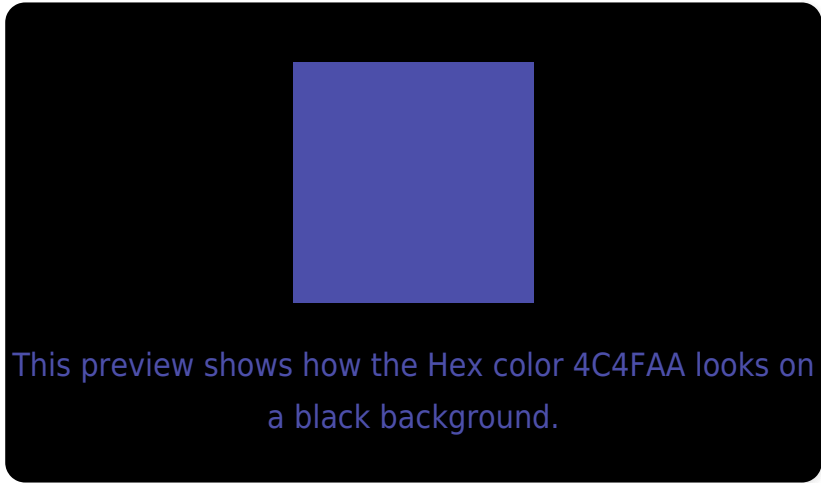
Large Text (above 18pt) WCAG AA ✓ Pass

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

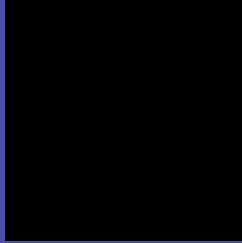
Any Text WCAG AA × Fail

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 4C4FAA Background



This preview shows how black text looks on a background with the Hex color 4C4FAA.

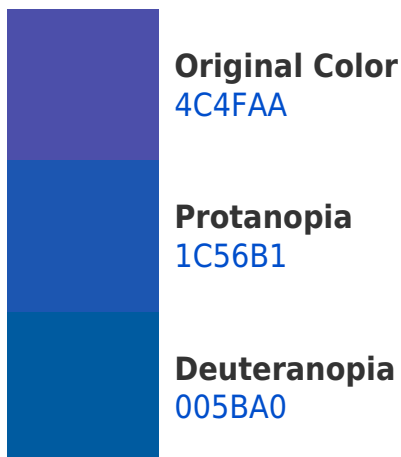


This preview shows how white text looks on a background with the Hex color 4C4FAA.

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](#).

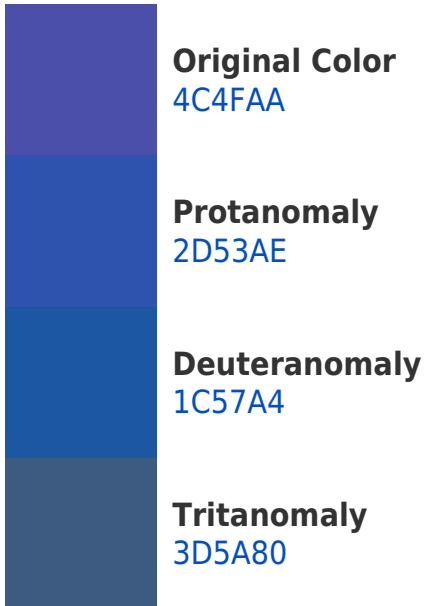
Dichromacy



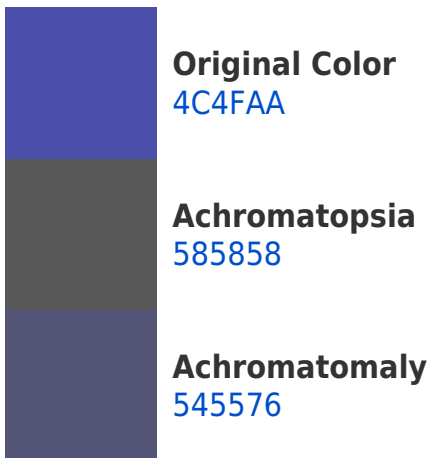


Tritanopia
346068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4FAA 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 #4C4FAA looks like.

```
.text, #text, p{  
    color:#4C4FAA  
}
```

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 #4C4FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4FAA
}
```

Border

The CSS property to change the border of an element to Hex 4C4FAA 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
#4C4FAA }
```

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

```
.border{ border-color:#4C4FAA }
```

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

Here you see how a box with a 4 pixel #4C4FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4FAA; -webkit-box-shadow:4px 4px  
4px 4px #4C4FAA; box-shadow:4px 4px 4px  
4px #4C4FAA }
```

Background

The CSS property to change the background color of an element to Hex 4C4FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4FAA }
```

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

```
.background{ background-color:#4C4FAA }
```

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