

Converting Colors

Hex(4547DA)

Have a look what the booklet for
Hex(4547DA) contains.

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Color

Hex(4547DA)

Conversions

Conversions Part 1

Format	Color
Hex	4547DA
RGB	69, 71, 218
RGB Percent	27%, 28%, 85%
CMY	0.7294, 0.7216, 0.1451
CMYK	0.68, 0.67, 0.00, 0.15
HSL	239°, 67%, 56%
HSV	239°, 68%, 85%
XYZ	17.3624, 10.8336, 67.5057
YIQ	87.1600, -48.3790, 45.2930

Conversions

Conversions Part 2

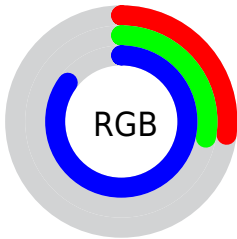
Format	Color
R _Y B	69, 71, 218
Decimal	4540378
CIE Lab	39.30, 45.34, -75.20
CIE LCh	39, 87.809, 301.090
Yxy	10.8336, 0.1814, 0.1132
Android (android.graphics.Color)	4282730458 (0xFF4547DA)
YUV	87.1600, 64.5041, -15.9263
Hunter-Lab	32.9145, 36.5582, -98.5601

Details

The Hex color **4547DA** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **DAD845**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8778FF**, and **001AA2** is the 20% darker color. If you saturate the color by 10%, you get **2F31DA**, and if you desaturate by 10%, it is **5B5DDA**.

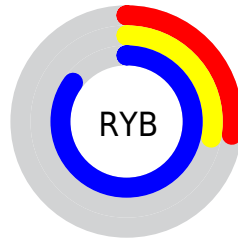
Distribution



Red (27%)

Green (28%)

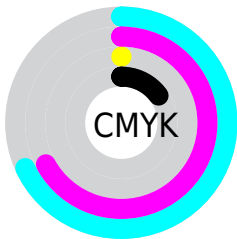
Blue (85%)



Red (27%)

Yellow (28%)

Blue (85%)

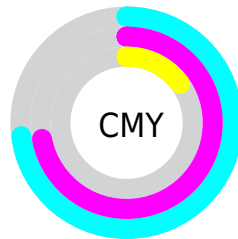


Cyan (68%)

Magenta (67%)

Yellow (0%)

Black (15%)



Cyan (73%)

Magenta (72%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4547DA 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 4547DA by changing the saturation by 10% instead.

■ 4547DA

■ 4547DA

FFFFFF

■ 1430BE

■ 8778FF

■ 001AA2

■ A692FF

■ 000687

■ C4ADFF

■ 00006C

■ E3C9FF

■ 000B53

■ FFE5FF

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 4547DA

■ 4547DA

■ 2F31DA

■ 5B5DDA

■ 191CDA

■ 7172DA

■ 0406DA

■ 8688DA

■ 0003DA

■ 9C9DDA

■ B2B3DA

■ C8C8DA

■ DEDEDA

■ F3F3DA

■ FFFFDA

Harmonies

Analogous

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



0067F0



4547DA



AF00A3

Triad

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



4547DA



A63800



00775E

Complementary

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



4547DA



DAD845

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.



007303



4547DA



6F5B00

Square

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



4547DA



C90018



1B6C00



0078A6

Rectangle

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



4547DA



CA0075



1B6C00



007644

Sweetspot

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



4547DA



C9CAFF



45DAD8



606080



000000



808080

Same Dimension

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



4547DA



2E31FF



8D45DA



63636E



0002AD



00012E

Inverse Universe

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



DA4547



FF2E31



92DA45



6E6363



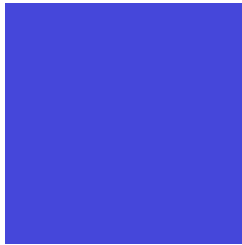
AD0002



2E0001

Previews

White Background



This preview shows how the Hex color 4547DA looks on a white background.

Color Contrast Check

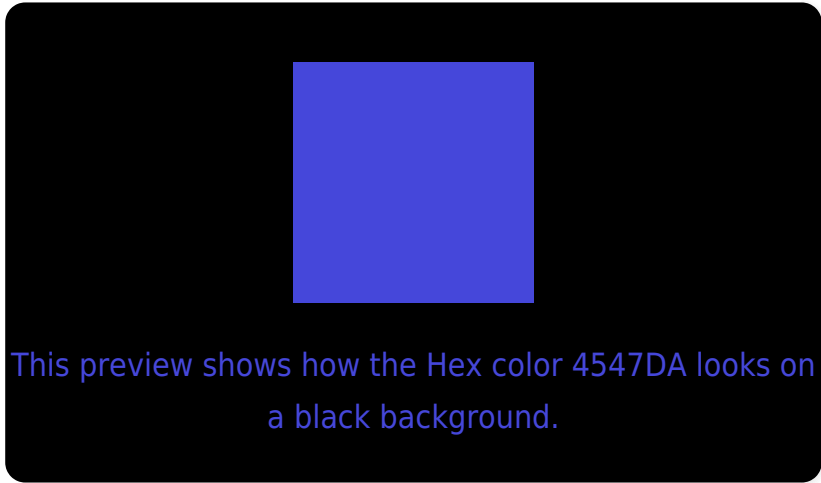
Large Text (above 18pt) WCAG AA ✓ Pass

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

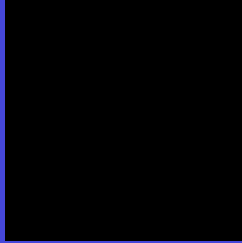
Any Text WCAG AA × Fail

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 4547DA Background



This preview shows how black text looks on a background with the Hex color 4547DA.

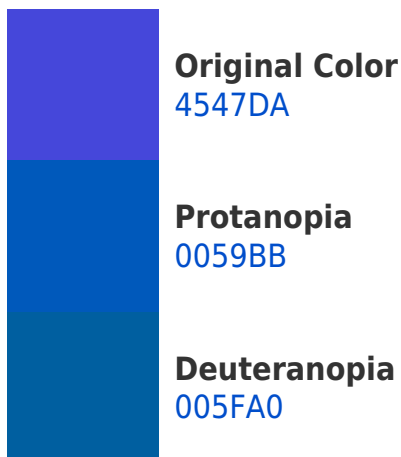


This preview shows how white text looks on a background with the Hex color 4547DA.

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
00666D

Trichromacy



Original Color
4547DA

Protanomaly
1952C6

Deuteranomaly
1956B5

Tritanomaly
195B95

Monochromacy



Original Color
4547DA

Achromatopsia
575757

Achromatomaly
505187

CSS Examples

Text

The CSS property to change the color of the text to Hex 4547DA 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 #4547DA looks like.

```
.text, #text, p{  
    color:#4547DA  
}
```

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 #4547DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4547DA
}
```

Border

The CSS property to change the border of an element to Hex 4547DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

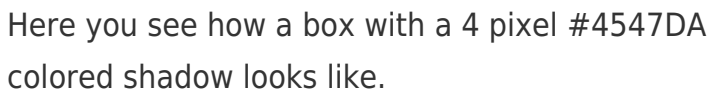
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4547DA }
```

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

```
.border{ border-color:#4547DA }
```

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



Here you see how a box with a 4 pixel #4547DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4547DA; -webkit-box-shadow:4px 4px  
4px 4px #4547DA; box-shadow:4px 4px 4px  
4px #4547DA }
```

Background

The CSS property to change the background color of an element to Hex 4547DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4547DA }
```

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

```
.background{ background-color:#4547DA }
```

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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