

Converting Colors

Hex(4248AD)

Have a look what the booklet for
Hex(4248AD) contains.

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Color

Hex(4248AD)

Conversions

Conversions Part 1

Format	Color
Hex	4248AD
RGB	66, 72, 173
RGB Percent	26%, 28%, 68%
CMY	0.7412, 0.7176, 0.3216
CMYK	0.62, 0.58, 0.00, 0.32
HSL	237°, 45%, 47%
HSV	237°, 62%, 68%
XYZ	12.1070, 8.8101, 40.5976
YIQ	81.7200, -35.9970, 30.1390

Conversions

Conversions Part 2

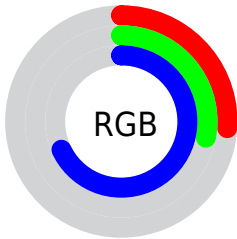
Format	Color
R _Y B	66, 72, 173
Decimal	4343981
CIE Lab	35.62, 29.09, -54.96
CIE LCh	36, 62.182, 297.896
Yxy	8.8101, 0.1968, 0.1432
Android (android.graphics.Color)	4282534061 (0xFF4248AD)
YUV	81.7200, 45.0010, -13.7864
Hunter-Lab	29.6818, 20.8654, -60.3171

Details

The Hex color **4248AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ADA742**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7C79E5**, and **001D78** is the 20% darker color. If you saturate the color by 10%, you get **3138AD**, and if you desaturate by 10%, it is **5358AD**.

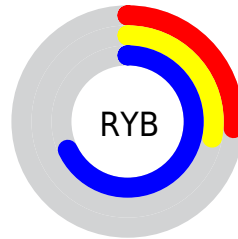
Distribution



Red (26%)

Green (28%)

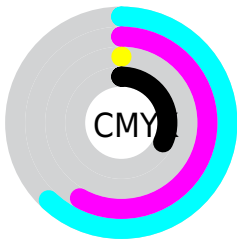
Blue (68%)



Red (26%)

Yellow (28%)

Blue (68%)

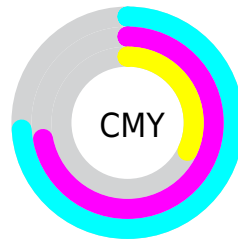


Cyan (62%)

Magenta (58%)

Yellow (0%)

Black (32%)



Cyan (74%)

Magenta (72%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4248AD 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 4248AD by changing the saturation by 10% instead.

■ 4248AD

■ 4248AD

FFFFFF

■ 203292

■ 7C79E5

■ 001D78

■ 9992FF

■ 00095E

■ B6ADFF

■ 000046

■ D3C8FF

■ 00042E

■ F0E4FF

■ 000119

■ 000000

■ 4248AD

■ 4248AD

■ 3138AD

■ 5358AD

■ 1F27AD

■ 6569AD

■ 0E17AD

■ 7679AD

■ 000AAD

■ 8789AD

■ 999AAD

■ AAAAAAD

■ BBBAAD

■ CCCBAD

■ DEDBAD

Harmonies

Analogous

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



005CB9



4248AD



8A298A

Triad

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



4248AD



8F3A00



00684F

Complementary

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



4248AD



ADA742

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.



006518



4248AD



6A5100

Square

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



4248AD



A51829



395E00



006981

Rectangle

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



4248AD



A00C6A



395E00



00673D

Sweetspot

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



4248AD



B6B8E0



42ADA6



565870



F0F0F0



707070

Same Dimension

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



4248AD



3A44E0



7042AD



4E4F57



000896



000117

Inverse Universe

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



AD4248



E03A44



7FAD42



574E4F



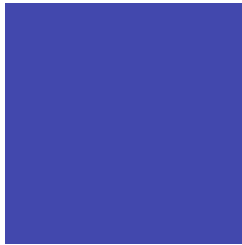
960008



170001

Previews

White Background



This preview shows how the Hex color 4248AD looks on a white background.

Color Contrast Check

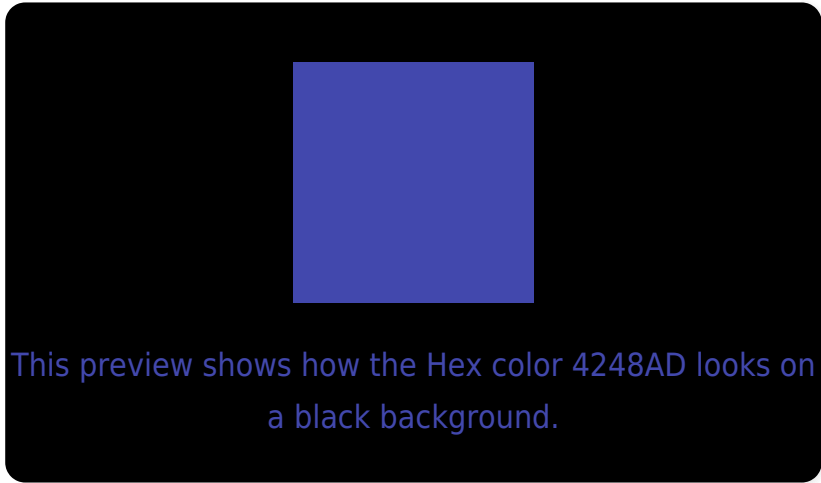
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

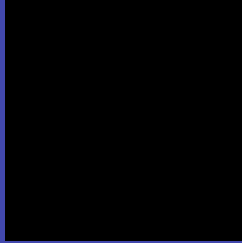
Any Text WCAG AA × Fail

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 4248AD Background



This preview shows how black text looks on a background with the Hex color 4248AD.

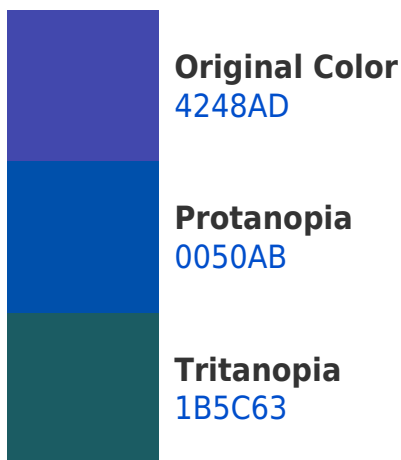


This preview shows how white text looks on a background with the Hex color 4248AD.

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



Trichromacy



Original Color
4248AD

Protanomaly
184DAC

Tritanomaly
29557E

Monochromacy



Original Color
4248AD

Achromatopsia
525252

Achromatomaly
4C4E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 4248AD 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 #4248AD looks like.

```
.text, #text, p{  
    color:#4248AD  
}
```

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 #4248AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4248AD }  
}
```

Border

The CSS property to change the border of an element to Hex 4248AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

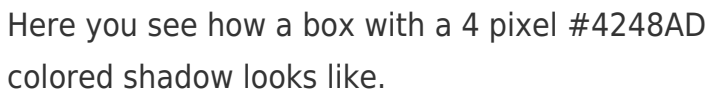
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #4248AD }  
}
```

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

```
.border{ border-color:#4248AD }
```

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



Here you see how a box with a 4 pixel #4248AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4248AD; -webkit-box-shadow:4px 4px  
4px 4px #4248AD; box-shadow:4px 4px 4px  
4px #4248AD }
```

Background

The CSS property to change the background color of an element to Hex 4248AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4248AD }
```

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

```
.background{ background-color:#4248AD }
```

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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