

Converting Colors

Hex(4244BA)

Have a look what the booklet for
Hex(4244BA) contains.

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Color

Hex(4244BA)

Conversions

Conversions Part 1

Format	Color
Hex	4244BA
RGB	66, 68, 186
RGB Percent	26%, 27%, 73%
CMY	0.7412, 0.7333, 0.2706
CMYK	0.65, 0.63, 0.00, 0.27
HSL	239°, 48%, 49%
HSV	239°, 65%, 73%
XYZ	13.1768, 8.8377, 47.4657
YIQ	80.8540, -39.0700, 36.2740

Conversions

Conversions Part 2

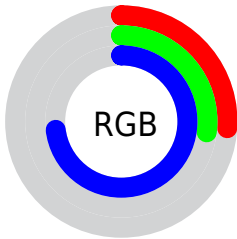
Format	Color
R _Y B	66, 68, 186
Decimal	4342970
CIE Lab	35.67, 36.06, -62.56
CIE LCh	36, 72.212, 299.961
Yxy	8.8377, 0.1896, 0.1272
Android (android.graphics.Color)	4282533050 (0xFF4244BA)
YUV	80.8540, 51.8370, -13.0270
Hunter-Lab	29.7282, 27.0945, -73.8560

Details

The Hex color **4244BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAB842**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7F75F3**, and **001884** is the 20% darker color. If you saturate the color by 10%, you get **2F32BA**, and if you desaturate by 10%, it is **5556BA**.

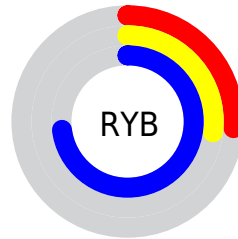
Distribution



Red (26%)

Green (27%)

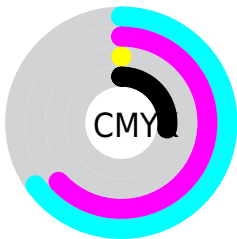
Blue (73%)



Red (26%)

Yellow (27%)

Blue (73%)

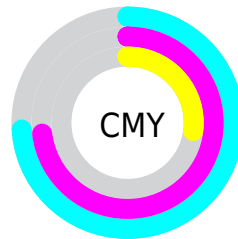


Cyan (65%)

Magenta (63%)

Yellow (0%)

Black (27%)



Cyan (74%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4244BA 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 4244BA by changing the saturation by 10% instead.

 4244BA

 4244BA

FFFFFF

 1B2D9E

 7F75F3

 001884

 9C8EFF

 00056A

 BAA9FF

 000051

 D7C4FF

 000539

 F5E0FF

 000222

 FFFDFF

 000008

 000000

 4244BA

 4244BA

■ 2F32BA

■ 5556BA

■ 1D1FBA

■ 6769BA

■ 0A0DBA

■ 7A7BBA

■ 0003BA

■ 8C8DBA

■ 9F9FBA

■ B2B2BA

■ C4C4BA

■ D7D6BA

■ E9E9BA

Harmonies

Analogous

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



005CCA



4244BA



95128F

Triad

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



4244BA



933700



006A52

Complementary

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



4244BA



BAB842

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.



006710



4244BA



675200

Square

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



4244BA



AF001E



2B6000



006B8D

Rectangle

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



4244BA



AD006A



2B6000



00693E

Sweetspot

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



4244BA



C4C5F2



42BAB8



5E5F7A



FAFAFA



7A7A7A

Same Dimension

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



4244BA



383BF2



7C42BA



53535C



00039C



00001C

Inverse Universe

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



BA4244



F2383B



80BA42



5C5353



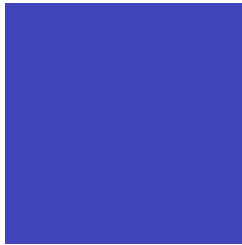
9C0003



1C0000

Previews

White Background



This preview shows how the Hex color 4244BA looks on a white background.

Color Contrast Check

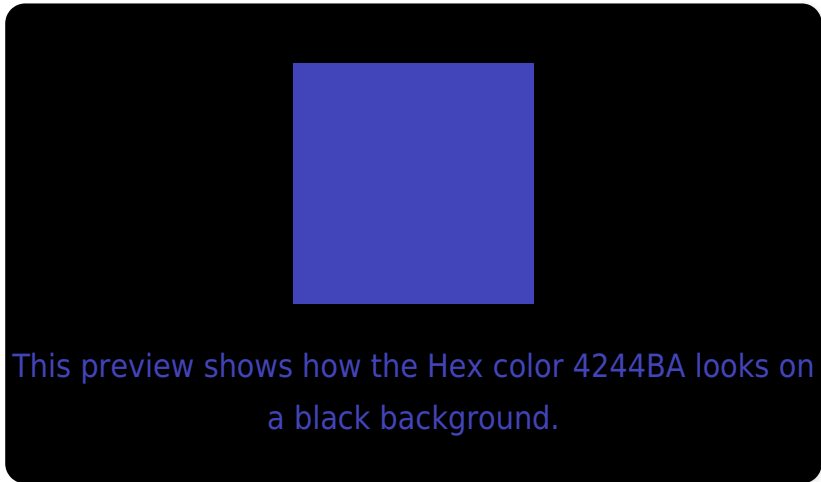
Large Text (above 18pt) WCAG AA ✓ Pass

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

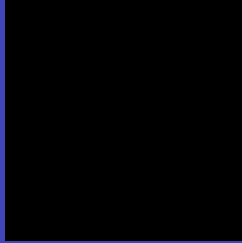
Any Text WCAG AA × Fail

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 4244BA Background



This preview shows how black text looks on a background with the Hex color 4244BA.

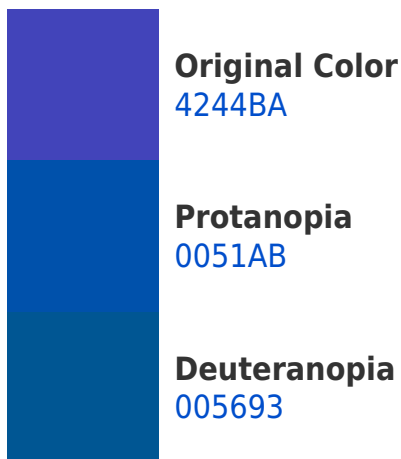


This preview shows how white text looks on a background with the Hex color 4244BA.

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
005D64

Trichromacy



Original Color
4244BA

Protanomaly
184CB0

Deuteranomaly
184FA1

Tritanomaly
185483

Monochromacy



Original Color
4244BA

Achromatopsia
515151

Achromatomaly
4C4C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4244BA 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 #4244BA looks like.

```
.text, #text, p{  
    color:#4244BA  
}
```

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 #4244BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4244BA
}
```

Border

The CSS property to change the border of an element to Hex 4244BA 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".

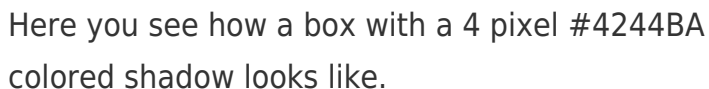
```
.border, #border, table{ border:4px solid
#4244BA }
```

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

```
.border{ border-color:#4244BA }
```

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

Here you see how a box with a 4 pixel #4244BA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4244BA; -webkit-box-shadow:4px 4px  
4px 4px #4244BA; box-shadow:4px 4px 4px  
4px #4244BA }
```

Background

The CSS property to change the background color of an element to Hex 4244BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4244BA }
```

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

```
.background{ background-color:#4244BA }
```

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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