

Converting Colors

Hex(4D3BA2)

Have a look what the booklet for
Hex(4D3BA2) contains.

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Color

Hex(4D3BA2)

Conversions

Conversions Part 1

Format	Color
Hex	4D3BA2
RGB	77, 59, 162
RGB Percent	30%, 23%, 64%
CMY	0.6980, 0.7686, 0.3647
CMYK	0.52, 0.64, 0.00, 0.36
HSL	250°, 47%, 43%
HSV	250°, 64%, 64%
XYZ	11.1461, 7.3143, 35.0068
YIQ	76.1240, -22.3350, 35.8490

Conversions

Conversions Part 2

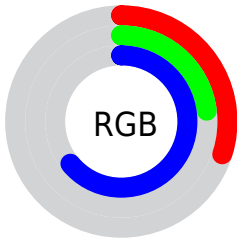
Format	Color
R_{YB}	77, 59, 162
Decimal	5061538
CIE Lab	32.51, 35.63, -53.37
CIE LCh	33, 64.173, 303.729
Yxy	7.3143, 0.2085, 0.1368
Android (android.graphics.Color)	4283251618 (0xFF4D3BA2)
YUV	76.1240, 42.3369, 0.7683
Hunter-Lab	27.0450, 26.2367, -57.8127

Details

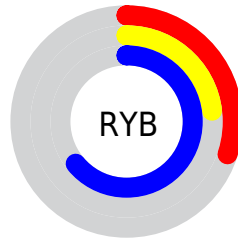
The Hex color **4D3BA2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **90A23B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **856BDA**, and **070F6D** is the 20% darker color. If you saturate the color by 10%, you get **402BA2**, and if you desaturate by 10%, it is **5A4BA2**.

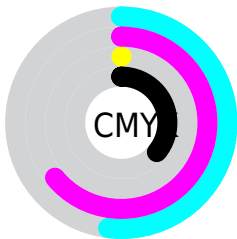
Distribution



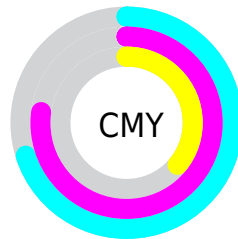
- Red (30%)
- Green (23%)
- Blue (64%)



- Red (30%)
- Yellow (23%)
- Blue (64%)



- Cyan (52%)
- Magenta (64%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (77%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3BA2 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 4D3BA2 by changing the saturation by 10% instead.

■ 4D3BA2

■ 4D3BA2

FFFFFF

■ 302487

■ 856BDA

■ 070F6D

■ A185F7

■ 000054

■ BE9FFF

■ 00033C

■ DBBAFF

■ 000225

■ F8D6FF

■ 00010E

■ FFF3FF

■ 000000

■ 4D3BA2

■ 4D3BA2

■ 402BA2

■ 5A4BA2

■ 321BA2

■ 685BA2

■ 250AA2

■ 756CA2

■ 1C00A2

■ 827CA2

■ 908CA2

■ 9D9CA2

■ ABACA2

■ B8BDA2

■ C5CDA2

Harmonies

Analogous

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



0052B3



4D3BA2



8B117A

Triad

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



4D3BA2



813700



006152

Complementary

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



4D3BA2



90A23B

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.



005E1B



4D3BA2



594D00

Square

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



4D3BA2



9B0F17



215900



006184

Rectangle

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



4D3BA2



9D0059



215900



006040

Sweetspot

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



4D3BA2



B2ABD4



3B91A2



57526B



EBEBEB



6B6B6B

Same Dimension

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



4D3BA2



4F33D4



803BA2



4B4952



190091



030012

Inverse Universe

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



A23B90



D433B8



5DA23B



524950



910078



12000F

Previews

White Background



This preview shows how the Hex color 4D3BA2 looks on a white background.

Color Contrast Check

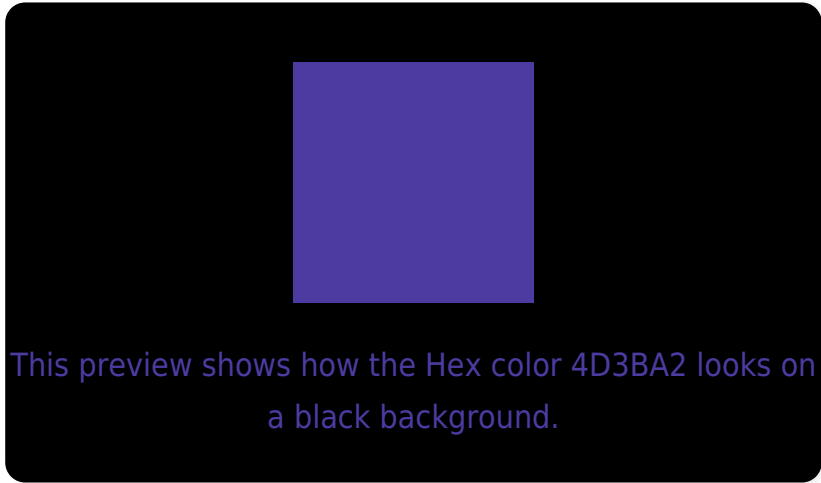
Large Text (above 18pt) WCAG AA ✓ Pass

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

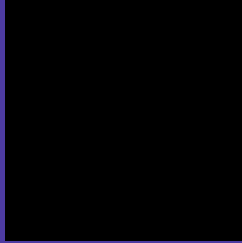
Any Text WCAG AA × Fail

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 4D3BA2 Background



This preview shows how black text looks on a background with the Hex color 4D3BA2.

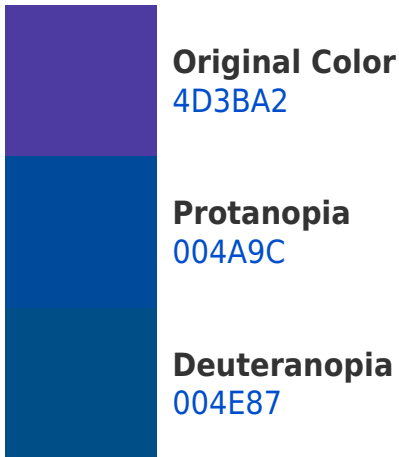


This preview shows how white text looks on a background with the Hex color 4D3BA2.

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
355158

Trichromacy



Original Color
4D3BA2

Protanomaly
1C459E

Deuteranomaly
1C4791

Tritanomaly
3E4973

Monochromacy



Original Color
4D3BA2

Achromatopsia
4C4C4C

Achromatomaly
4C466B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3BA2 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 #4D3BA2 looks like.

```
.text, #text, p{  
    color:#4D3BA2  
}
```

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 #4D3BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3BA2
}
```

Border

The CSS property to change the border of an element to Hex 4D3BA2 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
#4D3BA2 }
```

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

```
.border{ border-color:#4D3BA2 }
```

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

Here you see how a box with a 4 pixel #4D3BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3BA2; -webkit-box-shadow:4px 4px  
4px 4px #4D3BA2; box-shadow:4px 4px 4px  
4px #4D3BA2 }
```

Background

The CSS property to change the background color of an element to Hex 4D3BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3BA2 }
```

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

```
.background{ background-color:#4D3BA2 }
```

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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