

Converting Colors

Hex(4D7DA2)

Have a look what the booklet for
Hex(4D7DA2) contains.

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Color

Hex(4D7DA2)

Conversions

Conversions Part 1

Format	Color
Hex	4D7DA2
RGB	77, 125, 162
RGB Percent	30%, 49%, 64%
CMY	0.6980, 0.5098, 0.3647
CMYK	0.52, 0.23, 0.00, 0.36
HSL	206°, 36%, 47%
HSV	206°, 52%, 64%
XYZ	16.9158, 18.8536, 36.9300
YIQ	114.8660, -40.4850, 1.3310

Conversions

Conversions Part 2

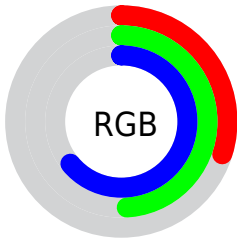
Format	Color
R_{YB}	77, 108, 162
Decimal	5078434
CIE _{Lab}	50.52, -5.46, -24.80
CIE _{LCh}	51, 25.389, 257.586
Yxy	18.8536, 0.2327, 0.2593
Android (android.graphics.Color)	4283268514 (0xFF4D7DA2)
YUV	114.8660, 23.2371, -33.2085
Hunter-Lab	43.4208, -6.4468, -20.0324

Details

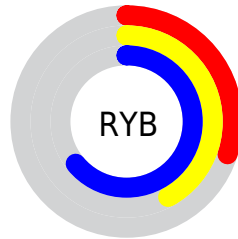
The Hex color **4D7DA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A2724D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **83B1D9**, and **104C6E** is the 20% darker color. If you saturate the color by 10%, you get **3D76A2**, and if you desaturate by 10%, it is **5D84A2**.

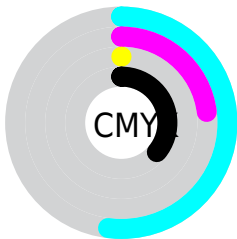
Distribution



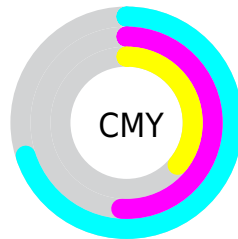
- Red (30%)
- Green (49%)
- Blue (64%)



- Red (30%)
- Yellow (42%)
- Blue (64%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7DA2 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 4D7DA2 by changing the saturation by 10% instead.

■ 4D7DA2

■ 4D7DA2

FFFFFF

■ 316488

■ 83B1D9

■ 104C6E

■ 9FCDF6

■ 003656

■ BBE9FF

■ 00213E

■ D7FFFF

■ 000628

■ F5FFFF

■ 000112

■ 000000

■ 4D7DA2

■ 4D7DA2

■ 3D76A2

■ 5D84A2

■ 2D6FA2

■ 6D8BA2

■ 1C68A2

■ 7E92A2

■ 0C61A2

■ 8E99A2

■ 005BA2

■ 9EA0A2

■ AEA7A2

■ BEAEA2

■ CFB5A2

■ DFBCA2

Harmonies

Analogous

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



328297



4D7DA2



6E76A1

Triad

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



4D7DA2



A3686C



62805A

Complementary

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



4D7DA2



A2724D

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.



7A7B4F



4D7DA2



9E6D59

Square

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



4D7DA2



9D6982



8F744E



48836E

Rectangle

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



4D7DA2



82719B



8F744E



6A7F55

Sweetspot

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



4D7DA2



B2C5D4



4DA272



57626B



EBEBEB



6B6B6B

Same Dimension

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



4D7DA2



4E9AD4



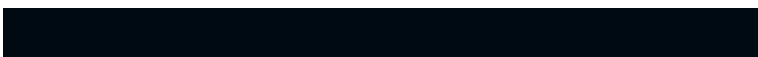
4D53A2



494E52



005291



000A12

Inverse Universe

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



A24D7D



D44E9A



A29C4D



52494E



910052



12000A

Previews

White Background



This preview shows how the Hex color 4D7DA2 looks on a white background.

Color Contrast Check

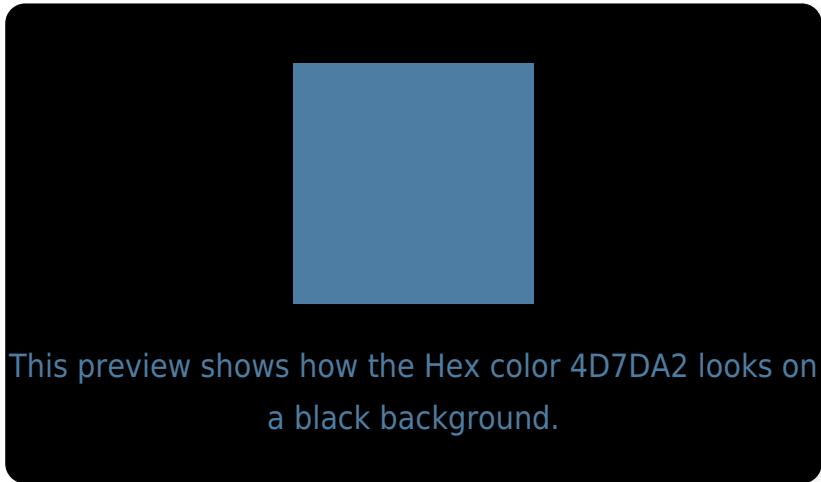
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

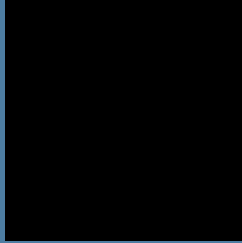
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

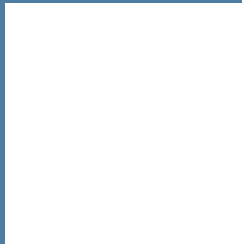
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D7DA2 Background



This preview shows how black text looks on a background with the Hex color 4D7DA2.

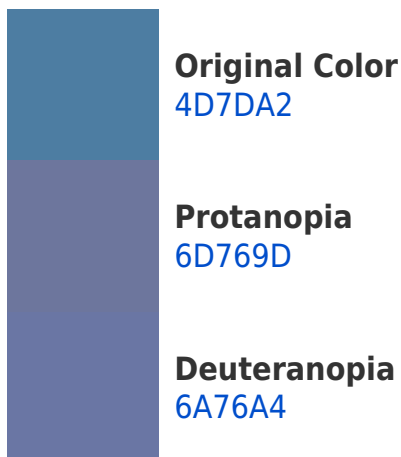


This preview shows how white text looks on a background with the Hex color 4D7DA2.

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](#).

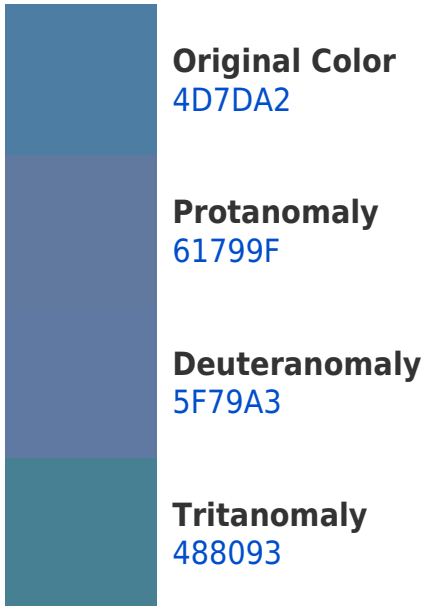
Dichromacy





Tritanopia
45818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7DA2 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 #4D7DA2 looks like.

```
.text, #text, p{  
    color:#4D7DA2  
}
```

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 #4D7DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7DA2
}
```

Border

The CSS property to change the border of an element to Hex 4D7DA2 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
#4D7DA2 }
```

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

```
.border{ border-color:#4D7DA2 }
```

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

Here you see how a box with a 4 pixel #4D7DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7DA2; -webkit-box-shadow:4px 4px  
4px 4px #4D7DA2; box-shadow:4px 4px 4px  
4px #4D7DA2 }
```

Background

The CSS property to change the background color of an element to Hex 4D7DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7DA2 }
```

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

```
.background{ background-color:#4D7DA2 }
```

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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