

Converting Colors

Hex(4A72A4)

Have a look what the booklet for
Hex(4A72A4) contains.

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Color

Hex(4A72A4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4A72A4 |
| RGB | 74, 114, 164 |
| RGB Percent | 29%, 45%, 64% |
| CMY | 0.7098, 0.5529, 0.3569 |
| CMYK | 0.55, 0.30, 0.00, 0.36 |
| HSL | 213°, 38%, 47% |
| HSV | 213°, 55%, 64% |
| XYZ | 15.5422, 16.1708, 37.4241 |
| YIQ | 107.7400, -39.8900, 7.0700 |

Conversions

Conversions Part 2

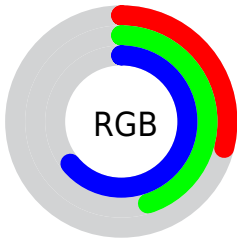
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 74, 102, 164 |
| Decimal | 4879012 |
| CIE Lab | 47.20, 1.01, -31.13 |
| CIE LCh | 47, 31.151, 271.866 |
| Yxy | 16.1708, 0.2248, 0.2339 |
| Android (android.graphics.Color) | 4283069092 (0xFF4A72A4) |
| YUV | 107.7400, 27.7362, -29.5900 |
| Hunter-Lab | 40.2129, -1.3829, -27.0290 |

Details

The Hex color **4A72A4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A47C4A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **81A6DB**, and **084270** is the 20% darker color. If you saturate the color by 10%, you get **3A69A4**, and if you desaturate by 10%, it is **5A7BA4**.

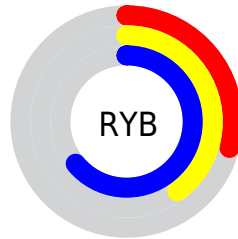
Distribution



Red (29%)

Green (45%)

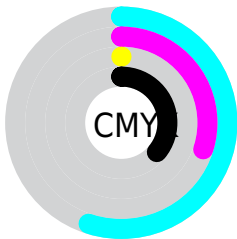
Blue (64%)



Red (29%)

Yellow (40%)

Blue (64%)

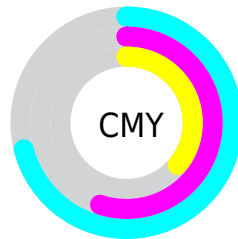


Cyan (55%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (71%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A72A4 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 4A72A4 by changing the saturation by 10% instead.



4A72A4



4A72A4

FFFFFF



2E5A8A



81A6DB



084270



9CC1F8



002D57



B8DDFF



001840



D5F9FF



000329



F2FFFF



000113



000000



4A72A4



4A72A4



3A69A4



5A7BA4

■ 2960A4

■ 6B84A4

■ 1957A4

■ 7B8DA4

■ 084EA4

■ 8C96A4

■ 0049A4

■ 9CA0A4

■ ACA9A4

■ BDB2A4

■ CDBBA4

■ DEC4A4

Harmonies

Analogous

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



03799E



4A72A4



75689C

Triad

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



4A72A4



A15E56



437B56

Complementary

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



4A72A4



A47C4A

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.



647742



4A72A4



946642

Square

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



4A72A4



A15B6F



7F6F3B



147E71

Rectangle

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



4A72A4



8A6291



7F6F3B



4F7A4F

Sweetspot

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



4A72A4



B4C3D6



4AA47B



57606B



EBEBEB



6B6B6B

Same Dimension

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



4A72A4



4988D6



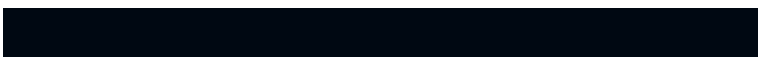
4F4AA4



494D52



004191



000812

Inverse Universe

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



A44A72



D64988



A0A44A



52494D



910041



120008

Previews

White Background



This preview shows how the Hex color 4A72A4 looks on a white background.

Color Contrast Check

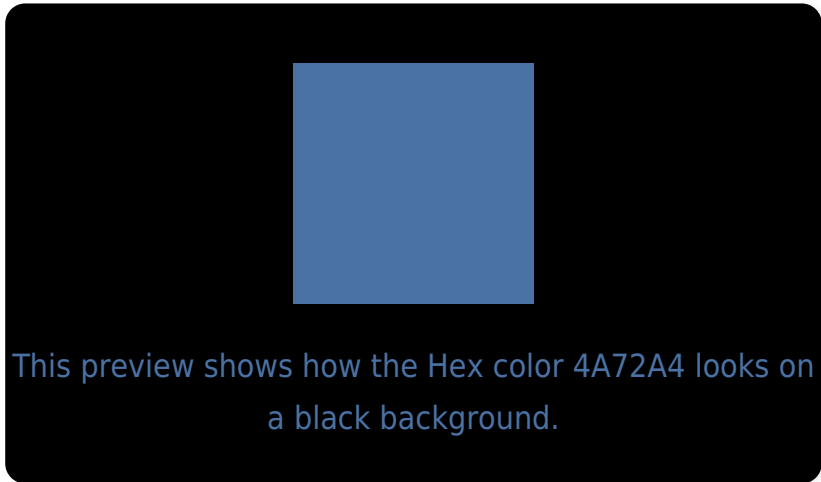
Large Text (above 18pt) WCAG AA ✓ Pass

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

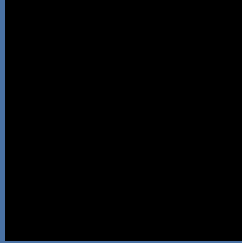
Any Text WCAG AA × Fail

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 4A72A4 Background



This preview shows how black text looks on a background with the Hex color 4A72A4.

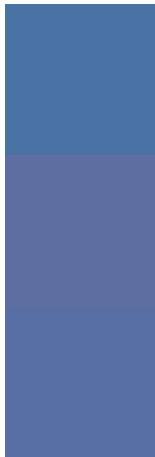


This preview shows how white text looks on a background with the Hex color 4A72A4.

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



Original Color
4A72A4

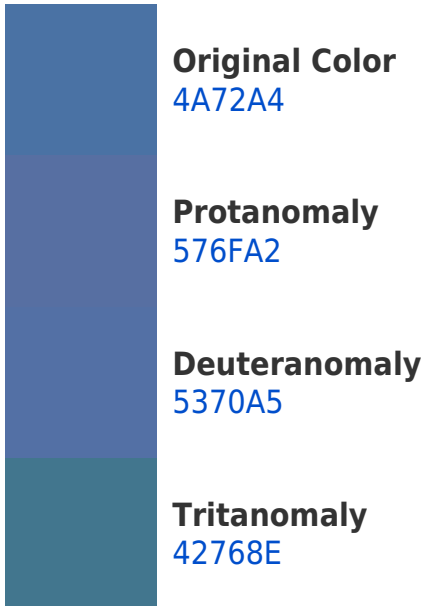
Protanopia
5F6EA1

Deuteranopia
586FA5

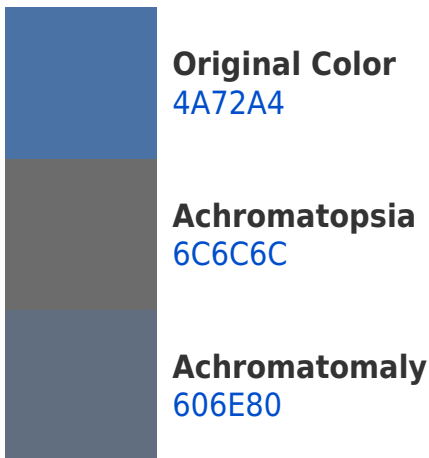


Tritanopia
3D7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A72A4 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 #4A72A4 looks like.

```
.text, #text, p{  
    color:#4A72A4  
}
```

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 #4A72A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A72A4
}
```

Border

The CSS property to change the border of an element to Hex 4A72A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

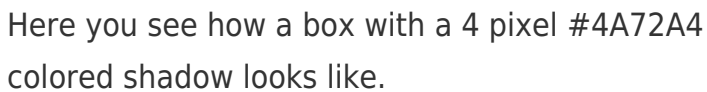
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A72A4 }
```

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

```
.border{ border-color:#4A72A4 }
```

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



Here you see how a box with a 4 pixel #4A72A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A72A4; -webkit-box-shadow:4px 4px  
4px 4px #4A72A4; box-shadow:4px 4px 4px  
4px #4A72A4 }
```

Background

The CSS property to change the background color of an element to Hex 4A72A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A72A4 }
```

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

```
.background{ background-color:#4A72A4 }
```

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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