

Converting Colors

Hex(4672AE)

Have a look what the booklet for
Hex(4672AE) contains.

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Color

Hex(4672AE)

Conversions

Conversions Part 1

Format	Color
Hex	4672AE
RGB	70, 114, 174
RGB Percent	27%, 45%, 68%
CMY	0.7255, 0.5529, 0.3176
CMYK	0.60, 0.34, 0.00, 0.32
HSL	215°, 43%, 48%
HSV	215°, 60%, 68%
XYZ	16.1831, 16.3927, 42.3556
YIQ	107.6840, -45.4840, 9.3320

Conversions

Conversions Part 2

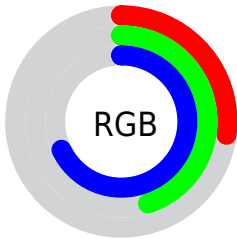
Format	Color
R _Y B	70, 101, 174
Decimal	4616878
CIE Lab	47.49, 3.48, -36.54
CIE LCh	47, 36.706, 275.443
Yxy	16.3927, 0.2160, 0.2188
Android (android.graphics.Color)	4282806958 (0xFF4672AE)
YUV	107.6840, 32.6938, -33.0489
Hunter-Lab	40.4879, 0.4929, -33.6834

Details

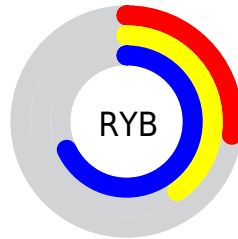
The Hex color **4672AE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AE8246**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7EA6E6**, and **004379** is the 20% darker color. If you saturate the color by 10%, you get **3568AE**, and if you desaturate by 10%, it is **577CAE**.

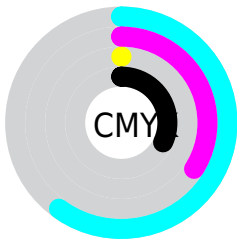
Distribution



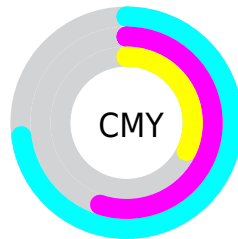
- Red (27%)
- Green (45%)
- Blue (68%)



- Red (27%)
- Yellow (40%)
- Blue (68%)



- Cyan (60%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4672AE 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 4672AE by changing the saturation by 10% instead.

■ 4672AE

■ 4672AE

FFFFFF

■ 275A93

■ 7EA6E6

■ 004379

■ 9AC1FF

■ 002D60

■ B7DCFF

■ 001948

■ D4F9FF

■ 000431

■ F1FFFF

■ 00011B

■ 000000

■ 4672AE

■ 4672AE

■ 3568AE

■ 577CAE

■ 235EAE

■ 6986AE

■ 1254AE

■ 7A90AE

■ 004AAE

■ 8C9AAE

■ 9DA4AE

■ AEAEAE

■ C0B8AE

■ D1C2AE

■ E3CCAЕ

Harmonies

Analogous

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



007BA8



4672AE



7B66A3

Triad

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



4672AE



A85B4E



337E56

Complementary

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



4672AE



AE8246

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.



5D793C



4672AE



986638

Square

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



4672AE



AA576C



7E7131



008075

Rectangle

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



4672AE



925F94



7E7131



437D4C

Sweetspot

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



4672AE



BACBE3



46AE81



5A6473



F2F2F2



737373

Same Dimension

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



4672AE



4085E3



4D46AE



4E5257



004096



000A17

Inverse Universe

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



AE4672



E34085



A7AE46



574E52



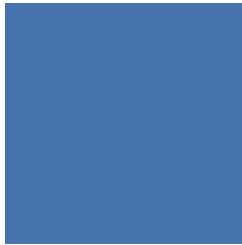
960040



17000A

Previews

White Background



This preview shows how the Hex color 4672AE looks on a white background.

Color Contrast Check

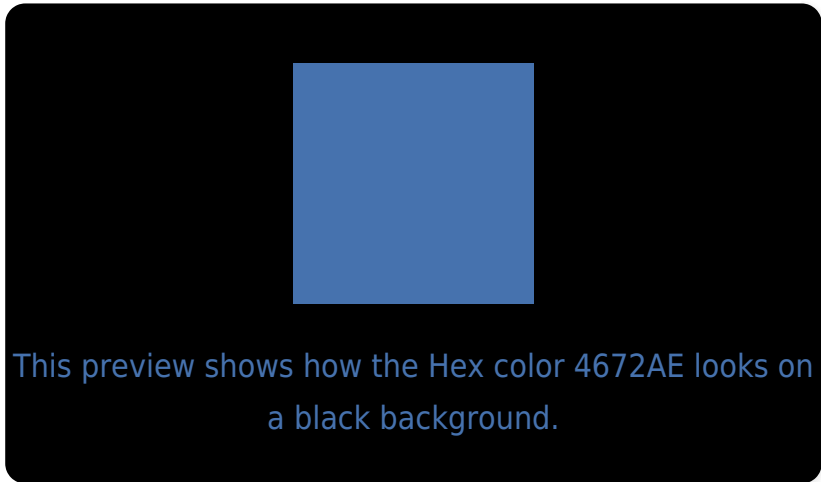
Large Text (above 18pt) WCAG AA ✓ Pass

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

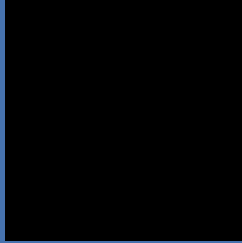
Any Text WCAG AA × Fail

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 4672AE Background



This preview shows how black text looks on a background with the Hex color 4672AE.

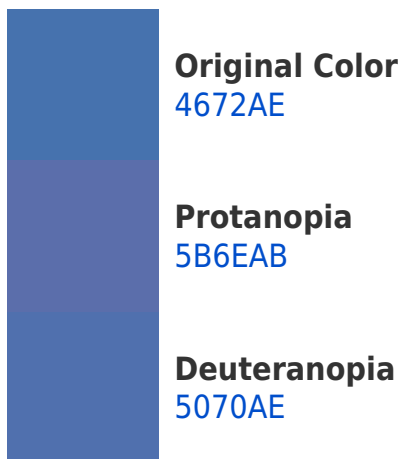



This preview shows how white text looks on a background with the Hex color 4672AE.

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](#).

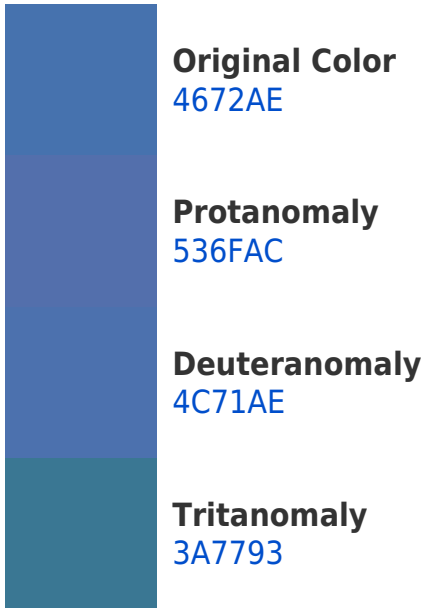
Dichromacy



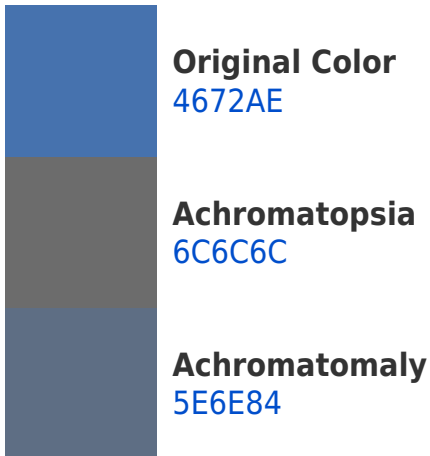


Tritanopia
337A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4672AE 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 #4672AE looks like.

```
.text, #text, p{  
    color:#4672AE  
}
```

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 #4672AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4672AE
}
```

Border

The CSS property to change the border of an element to Hex 4672AE 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
#4672AE }
```

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

```
.border{ border-color:#4672AE }
```

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

Here you see how a box with a 4 pixel #4672AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4672AE; -webkit-box-shadow:4px 4px  
4px 4px #4672AE; box-shadow:4px 4px 4px  
4px #4672AE }
```

Background

The CSS property to change the background color of an element to Hex 4672AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4672AE }
```

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

```
.background{ background-color:#4672AE }
```

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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