

# Converting Colors

Hex(4663AE)

Have a look what the booklet for  
Hex(4663AE) contains.

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# Color

**Hex(4663AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4663AE
RGB	70, 99, 174
RGB Percent	27%, 39%, 68%
CMY	0.7255, 0.6118, 0.3176
CMYK	0.60, 0.43, 0.00, 0.32
HSL	223°, 43%, 48%
HSV	223°, 60%, 68%
XYZ	14.6276, 13.2818, 41.8371
YIQ	98.8790, -41.3590, 17.1770

# Conversions

## Conversions Part 2

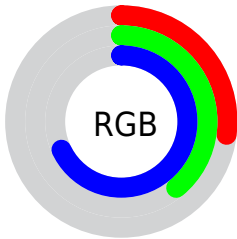
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 93, 174
Decimal	4613038
CIELab	43.18, 12.84, -43.36
CIElCh	43, 45.218, 286.496
Yxy	13.2818, 0.2097, 0.1904
Android (android.graphics.Color)	4282803118 (0xFF4663AE)
YUV	98.8790, 37.0347, -25.3269
Hunter-Lab	36.4442, 7.8674, -42.5527

# Details

The Hex color **4663AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AE9146**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7F95E6**, and **003579** is the 20% darker color. If you saturate the color by 10%, you get **3556AE**, and if you desaturate by 10%, it is **5770AE**.

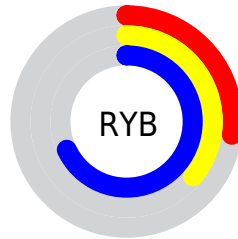
# Distribution



Red (27%)

Green (39%)

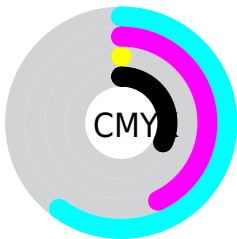
Blue (68%)



Red (27%)

Yellow (36%)

Blue (68%)

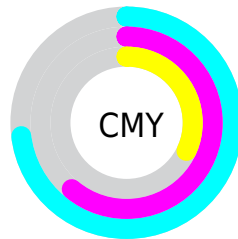


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (32%)



Cyan (73%)

Magenta (61%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4663AE 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 4663AE by changing the saturation by 10% instead.



■ 4663AE

■ 4663AE

FFFFFF

■ 274B93

■ 7F95E6

■ 003579

■ 9BB0FF

■ 002160

■ B7CBFF

■ 000947

■ D4E7FF

■ 000430

■ F2FFFF

■ 00011A

■ 000000

■ 4663AE

■ 4663AE

■ 3556AE

■ 5770AE

■ 234AAE

■ 697CAE

■ 123DAE

■ 7A89AE

■ 0031AE

■ 8C95AE

■ 9DA2AE

■ AEAEAE

■ C0BBAE

■ D1C7AE

■ E3D4AE

# Harmonies

## Analogous

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



006FAF



4663AE



82539A

# Triad

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



4663AE



A04F31



007753

# Complementary

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



4663AE



AE9146

# 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.



3A732F



4663AE



885E18

# Square

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



4663AE



AA4453



666A16



00787A

# Rectangle

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



4663AE



9A4985



666A16



007647



# Sweetspot

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



4663AE



BAC5E3



46AE91



5A6173



F2F2F2



737373



# Same Dimension

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



4663AE



406DE3



5D46AE



4E5057



002A96



000617



# Inverse Universe

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



AE4663



E3406D



97AE46



574E50



96002A



170006



# Previews

## White Background



This preview shows how the Hex color 4663AE looks on a white background.

## Color Contrast Check

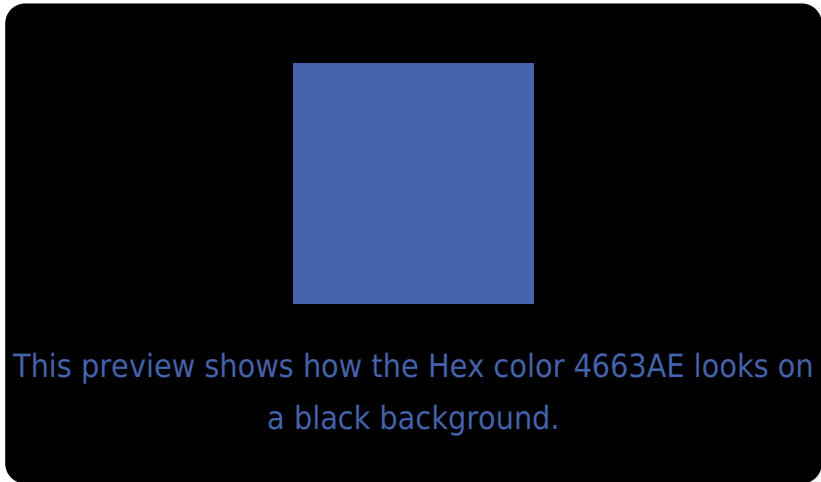
Large Text (above 18pt) WCAG AA ✓ Pass

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

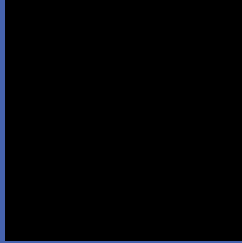
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4663AE Background



This preview shows how black text looks on a background with the Hex color 4663AE.

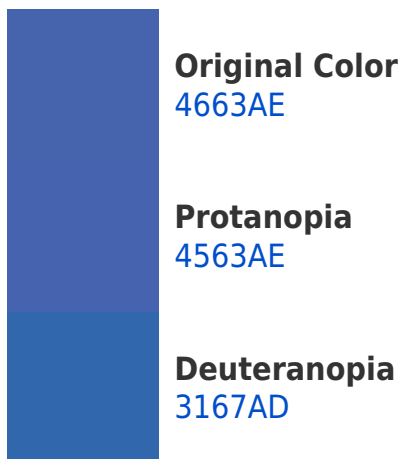


This preview shows how white text looks on a background with the Hex color 4663AE.

# 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](#).

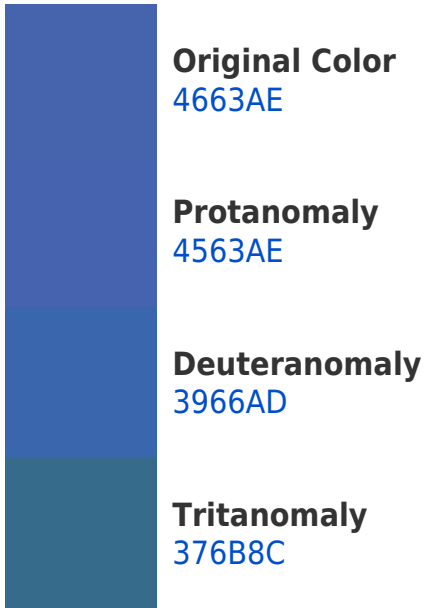
## Dichromacy





**Tritanopia**  
2E6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4663AE 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 #4663AE looks like.

```
.text, #text, p{  
    color:#4663AE  
}
```

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 #4663AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4663AE
}
```

## Border

The CSS property to change the border of an element to Hex 4663AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

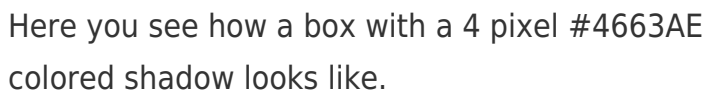
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4663AE }
```

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

```
.border{ border-color:#4663AE }
```

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



Here you see how a box with a 4 pixel #4663AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4663AE; -webkit-box-shadow:4px 4px  
4px 4px #4663AE; box-shadow:4px 4px 4px  
4px #4663AE }
```

# Background

The CSS property to change the background color of an element to Hex 4663AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4663AE }
```

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

```
.background{ background-color:#4663AE }
```

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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