

# Converting Colors

Hex(4759AD)

Have a look what the booklet for  
Hex(4759AD) contains.

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# Color

**Hex(4759AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4759AD
RGB	71, 89, 173
RGB Percent	28%, 35%, 68%
CMY	0.7216, 0.6510, 0.3216
CMYK	0.59, 0.49, 0.00, 0.32
HSL	229°, 42%, 48%
HSV	229°, 59%, 68%
XYZ	13.7137, 11.5015, 41.0324
YIQ	93.1940, -37.6920, 22.3080

# Conversions

## Conversions Part 2

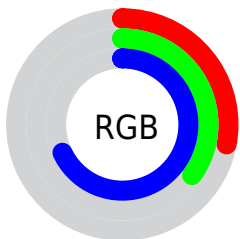
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 86, 173
Decimal	4676013
CIE <sub>Lab</sub>	40.41, 19.09, -47.20
CIE <sub>LCh</sub>	40, 50.912, 292.020
Yxy	11.5015, 0.2070, 0.1736
Android (android.graphics.Color)	4282866093 (0xFF4759AD)
YUV	93.1940, 39.3444, -19.4641
Hunter-Lab	33.9138, 12.8308, -47.9953

# Details

The Hex color **4759AD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AD9B47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **808BE5**, and **002C78** is the 20% darker color. If you saturate the color by 10%, you get **364BAD**, and if you desaturate by 10%, it is **5867AD**.

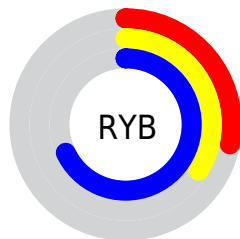
# Distribution



Red (28%)

Green (35%)

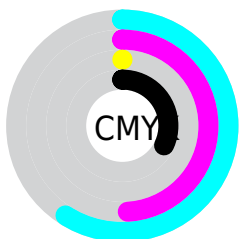
Blue (68%)



Red (28%)

Yellow (34%)

Blue (68%)

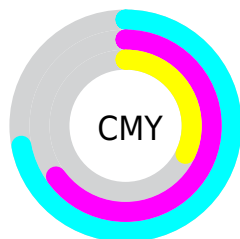


Cyan (59%)

Magenta (49%)

Yellow (0%)

Black (32%)



Cyan (72%)

Magenta (65%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4759AD 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 4759AD by changing the saturation by 10% instead.



■ 4759AD

■ 4759AD

FFFFFF

■ 284292

■ 808BE5

■ 002C78

■ 9CA5FF

■ 00185F

■ B8C0FF

■ 000046

■ D5DCFF

■ 00042F

■ F3F8FF

■ 000119

■ 000000

■ 4759AD

■ 4759AD

■ 364BAD

■ 5867AD

■ 243DAD

■ 6A75AD

■ 132EAD

■ 7B84AD

■ 0220AD

■ 8C92AD

■ 001FAD

■ 9EA0AD

■ AFAEAD

■ C0BDAD

■ D1CBAD

■ E3D9AD

# Harmonies

## Analogous

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



0067B2



4759AD



864593

# Triad

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



4759AD



99481D



007252

# Complementary

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



4759AD



AD9B47

# 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.



196E28



4759AD



7C5900

# Square

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



4759AD



A83743



556600



00727D

# Rectangle

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



4759AD



9D397A



556600



007144



# Sweetspot

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



4759AD



B8BFE0



47AD9A



585C70



F0F0F0



707070



# Same Dimension

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



4759AD



415DE0



6747AD



4E5057



001B96



000417



# Inverse Universe

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



AD4759



E0415D



8DAD47



574E50



96001B

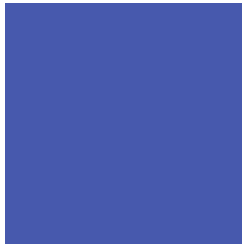


170004



# Previews

## White Background



This preview shows how the Hex color 4759AD looks on a white background.

## Color Contrast Check

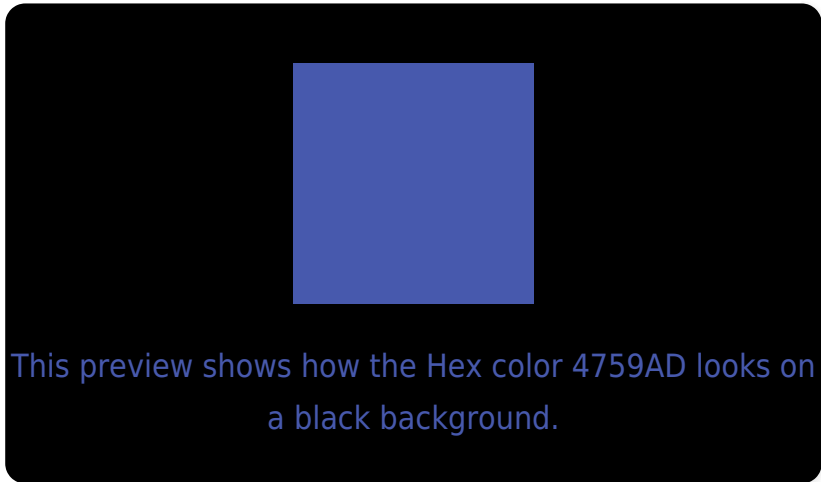
Large Text (above 18pt) WCAG AA ✓ Pass

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 4759AD Background



This preview shows how black text looks on a background with the Hex color 4759AD.



This preview shows how white text looks on a background with the Hex color 4759AD.

# 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**  
4759AD

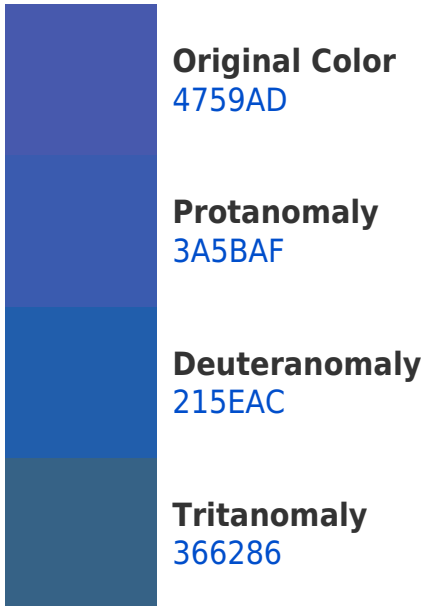
**Protanopia**  
335CB0

**Deuteranopia**  
0B61AB

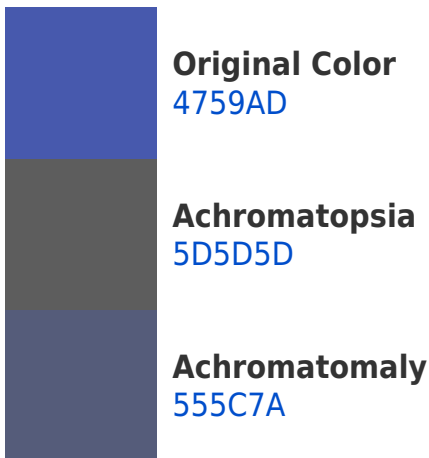


**Tritanopia**  
2D6770

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4759AD 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 #4759AD looks like.

```
.text, #text, p{  
    color:#4759AD  
}
```

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 #4759AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4759AD
}
```

## Border

The CSS property to change the border of an element to Hex 4759AD 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
#4759AD }
```

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

```
.border{ border-color:#4759AD }
```

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

Here you see how a box with a 4 pixel #4759AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4759AD; -webkit-box-shadow:4px 4px  
4px 4px #4759AD; box-shadow:4px 4px 4px  
4px #4759AD }
```

# Background

The CSS property to change the background color of an element to Hex 4759AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4759AD }
```

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

```
.background{ background-color:#4759AD }
```

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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