

# Converting Colors

Hex(47779B)

Have a look what the booklet for  
Hex(47779B) contains.

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# Color

**Hex(47779B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47779B
RGB	71, 119, 155
RGB Percent	28%, 47%, 61%
CMY	0.7216, 0.5333, 0.3922
CMYK	0.54, 0.23, 0.00, 0.39
HSL	206°, 37%, 44%
HSV	206°, 54%, 61%
XYZ	15.1118, 16.8998, 33.4759
YIQ	108.7520, -40.1640, 1.0200

# Conversions

## Conversions Part 2

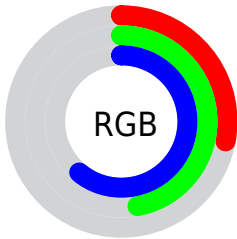
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 102, 155
Decimal	4683675
CIE Lab	48.13, -5.57, -24.41
CIE LCh	48, 25.037, 257.153
Yxy	16.8998, 0.2308, 0.2581
Android (android.graphics.Color)	4282873755 (0xFF47779B)
YUV	108.7520, 22.8003, -33.1085
Hunter-Lab	41.1094, -6.3250, -19.5040

# Details

The Hex color **47779B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B6B47**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7DABD2**, and **054768** is the 20% darker color. If you saturate the color by 10%, you get **38709B**, and if you desaturate by 10%, it is **577E9B**.

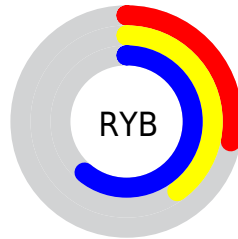
# Distribution



Red (28%)

Green (47%)

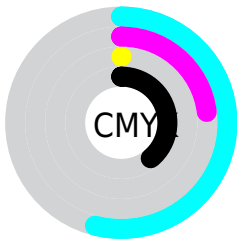
Blue (61%)



Red (28%)

Yellow (40%)

Blue (61%)

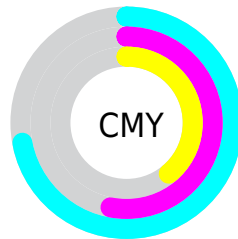


Cyan (54%)

Magenta (23%)

Yellow (0%)

Black (39%)



Cyan (72%)

Magenta (53%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47779B 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 47779B by changing the saturation by 10% instead.



47779B

47779B

FFFFFF

2B5E81

7DABD2

054768

98C6EE

00314F

B4E2FF

001C38

D1FFFF

000223

EEFFFF

00000A

000000

47779B

47779B

38709B

577E9B

■ 286A9B

■ 66849B

■ 19639B

■ 768B9B

■ 095C9B

■ 85929B

■ 00599B

■ 95989B

■ A49F9B

■ B4A59B

■ C3AC9B

■ D3B39B

# Harmonies

## Analogous

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



2C7C91



47779B



68709A

# Triad

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



47779B



9C6367



5C7A55

# Complementary

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



47779B



9B6B47

# 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.



747549



47779B



976754

# Square

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



47779B



96637C



896E49



437D68

# Rectangle

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



47779B



7C6B94



896E49



657950



# Sweetspot

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



47779B



A9BCC9



479B6A



535E66



E6E6E6



666666



# Same Dimension

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



47779B



4791C9



474E9B



45494D



00508C



00070D



# Inverse Universe

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



9B4777



C94791



9B9447



4D4549



8C0050



0D0007



# Previews

## White Background



This preview shows how the Hex color 47779B looks on a white background.

## Color Contrast Check

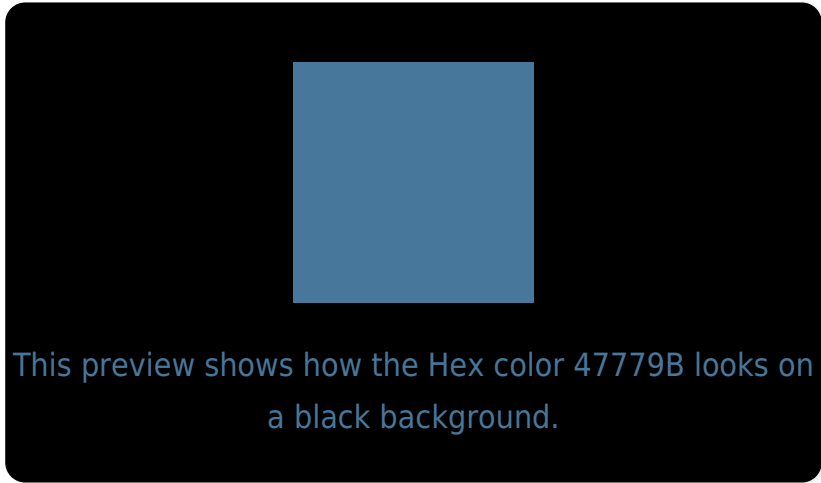
Large Text (above 18pt) WCAG AA ✓ Pass

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

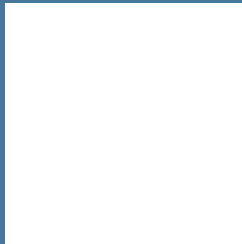
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47779B Background



This preview shows how black text looks on a background with the Hex color 47779B.



This preview shows how white text looks on a background with the Hex color 47779B.

# 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](#).

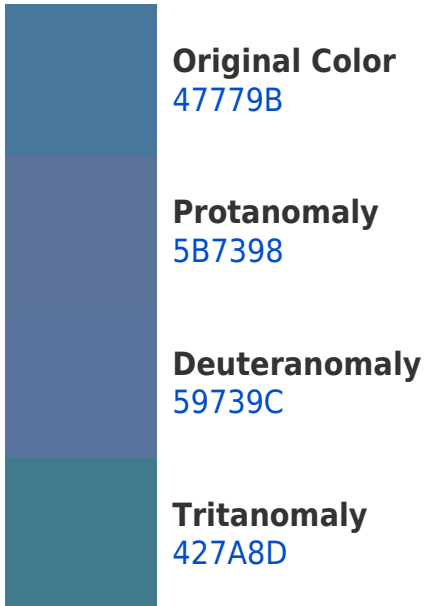
## Dichromacy





**Tritanopia**  
3F7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47779B 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 #47779B looks like.

```
.text, #text, p{  
    color:#47779B  
}
```

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 #47779B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47779B
}
```

## Border

The CSS property to change the border of an element to Hex 47779B 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
#47779B }
```

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

```
.border{ border-color:#47779B }
```

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

Here you see how a box with a 4 pixel #47779B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47779B; -webkit-box-shadow:4px 4px  
4px 4px #47779B; box-shadow:4px 4px 4px  
4px #47779B }
```

# Background

The CSS property to change the background color of an element to Hex 47779B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47779B }
```

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

```
.background{ background-color:#47779B }
```

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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