

# Converting Colors

Hex(3A4A79)

Have a look what the booklet for  
Hex(3A4A79) contains.

<b>Hex(3A4A79)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3A4A79)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A4A79
RGB	58, 74, 121
RGB Percent	23%, 29%, 47%
CMY	0.7725, 0.7098, 0.5255
CMYK	0.52, 0.39, 0.00, 0.53
HSL	225°, 35%, 35%
HSV	225°, 52%, 47%
XYZ	7.6449, 7.1776, 19.0716
YIQ	74.5740, -24.6230, 11.2250

# Conversions

## Conversions Part 2

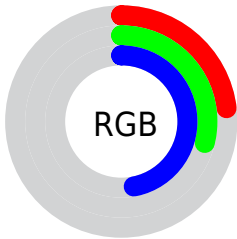
Format	Color
R <sub>YB</sub>	58, 71, 121
Decimal	3820153
CIE Lab	32.21, 8.04, -28.79
CIE LCh	32, 29.887, 285.604
Yxy	7.1776, 0.2256, 0.2118
Android (android.graphics.Color)	4282010233 (0xFF3A4A79)
YUV	74.5740, 22.8880, -14.5354
Hunter-Lab	26.7910, 4.0513, -23.4529

# Details

The Hex color **3A4A79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79693A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6D7AAE**, and **001F48** is the 20% darker color. If you saturate the color by 10%, you get **2E4179**, and if you desaturate by 10%, it is **465379**.

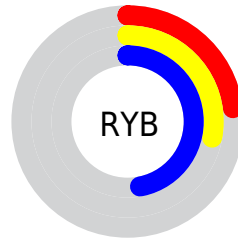
# Distribution



Red (23%)

Green (29%)

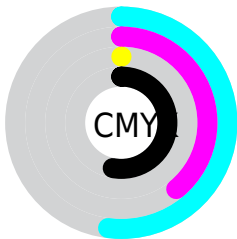
Blue (47%)



Red (23%)

Yellow (28%)

Blue (47%)

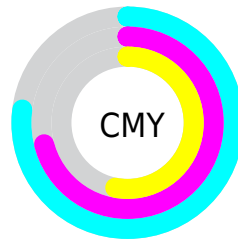


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (71%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A4A79 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 3A4A79 by changing the saturation by 10% instead.



■ 3A4A79

■ 3A4A79

FFFFFF

■ 203460

■ 6D7AAE

■ 001F48

■ 8894C9

■ 000531

■ A3AFE5

■ 00011C

■ BECAFF

■ 000000

■ DBE6FF

■ F8FFFF

■ 3A4A79

■ 3A4A79

■ 2E4179

■ 465379

■ 223879

■ 525C79

■ 162F79

■ 5E6579

■ 0A2679

■ 6A6E79

■ 001F79

■ 767779

■ 838079

■ 8F8979

■ 9B9279

■ A79B79

# Harmonies

## Analogous

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



005279



3A4A79



5D416D

# Triad

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



3A4A79



723E2B



04573F

# Complementary

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



3A4A79



79693A

# 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.



33542A



3A4A79



63461D

# Square

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



3A4A79



783840



4D4E1C



005858

# Rectangle

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



3A4A79



6C3B60



4D4E1C



1B5637



# Sweetspot

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



3A4A79



858B9E



3A7968



40444F



CFCFCF



4F4F4F



# Same Dimension

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



3A4A79



3C559E



493A79



37393D



00207D



0040FC



# Inverse Universe

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



793A4A



9E3C55



6A793A



3D3739



7D0020



FC0040



# Previews

## White Background



This preview shows how the Hex color 3A4A79 looks on a white background.

## Color Contrast Check

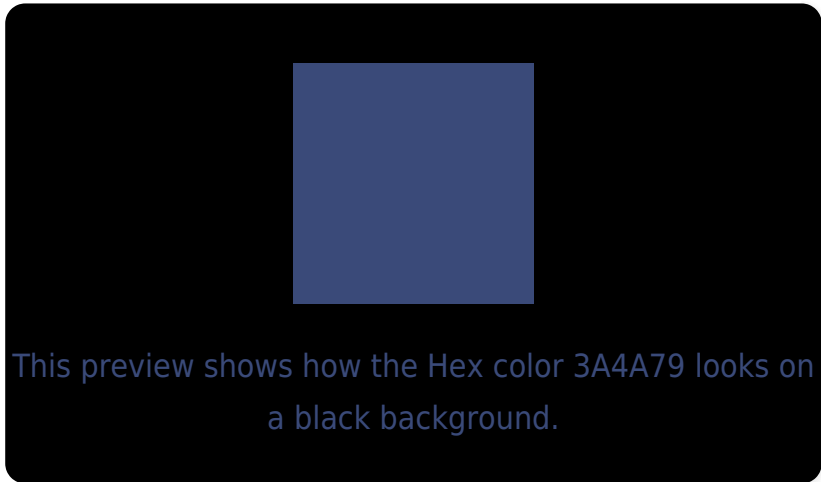
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

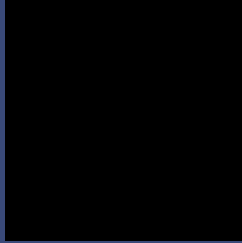
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A4A79 Background



This preview shows how black text looks on a background with the Hex color 3A4A79.



This preview shows how white text looks on a background with the Hex color 3A4A79.

# 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**

3A4A79

**Protanopia**

3A4A79

**Deuteranopia**

324C79



# Trichromacy



**Original Color**

3A4A79

**Protanomaly**

3A4A79

**Deuteranomaly**

354B79

**Tritanomaly**

334E64

# Monochromacy



**Original Color**

3A4A79

**Achromatopsia**

4B4B4B

**Achromatomaly**

454B5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A4A79 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 #3A4A79 looks like.

```
.text, #text, p{  
    color:#3A4A79  
}
```

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 #3A4A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4A79
}
```

## Border

The CSS property to change the border of an element to Hex 3A4A79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

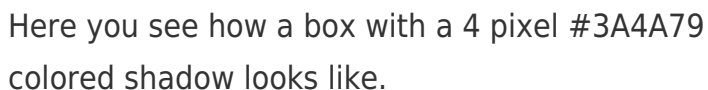
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4A79 }
```

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

```
.border{ border-color:#3A4A79 }
```

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



Here you see how a box with a 4 pixel #3A4A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4A79; -webkit-box-shadow:4px 4px  
4px 4px #3A4A79; box-shadow:4px 4px 4px  
4px #3A4A79 }
```

# Background

The CSS property to change the background color of an element to Hex 3A4A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4A79 }
```

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

```
.background{ background-color:#3A4A79 }
```

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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