

# Converting Colors

Hex(444B79)

Have a look what the booklet for  
Hex(444B79) contains.

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# Color

**Hex(444B79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444B79
RGB	68, 75, 121
RGB Percent	27%, 29%, 47%
CMY	0.7333, 0.7059, 0.5255
CMYK	0.44, 0.38, 0.00, 0.53
HSL	232°, 28%, 37%
HSV	232°, 44%, 47%
XYZ	8.3512, 7.6416, 19.1240
YIQ	78.1510, -18.9380, 12.8220

# Conversions

## Conversions Part 2

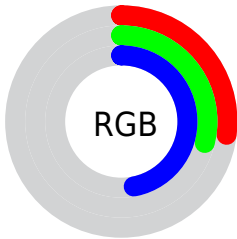
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 74, 121
Decimal	4475769
CIELab	33.22, 10.11, -27.13
CIElCh	33, 28.955, 290.428
Yxy	7.6416, 0.2378, 0.2176
Android (android.graphics.Color)	4282665849 (0xFF444B79)
YUV	78.1510, 21.1246, -8.9024
Hunter-Lab	27.6434, 5.5495, -21.6670

# Details

The Hex color **444B79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **797244**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **777CAE**, and **121F48** is the 20% darker color. If you saturate the color by 10%, you get **384079**, and if you desaturate by 10%, it is **505679**.

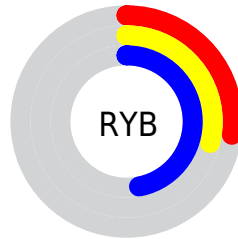
# Distribution



Red (27%)

Green (29%)

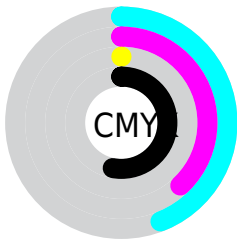
Blue (47%)



Red (27%)

Yellow (29%)

Blue (47%)

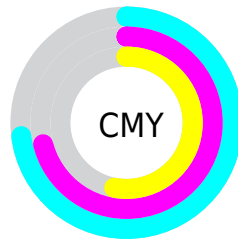


Cyan (44%)

Magenta (38%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (71%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444B79 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 444B79 by changing the saturation by 10% instead.



■ 444B79

■ 444B79

FFFFFF

■ 2B3460

■ 777CAE

■ 121F48

■ 9195C9

■ 000731

■ ACB0E5

■ 00011C

■ C8CBFF

■ 000000

■ E4E8FF

■ 444B79

■ 444B79

■ 384079

■ 505679

■ 2C3679

■ 5C6079

■ 202B79

■ 686B79

■ 142179

■ 747579

■ 081679

■ 808079

■ 001079

■ 8D8A79

■ 999579

■ A59F79

■ B1AA79

# Harmonies

## Analogous

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



0B537B



444B79



63426C

# Triad

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



444B79



72422C



015946

# Complementary

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



444B79



797244

# 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.



315730



444B79



624A20

# Square

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



444B79



793C3F



4C5221



005A5D

# Rectangle

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



444B79



703D5E



4C5221



19593E



# Sweetspot

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



444B79



8A8C9E



447972



42444F



CFCFCF



4F4F4F



# Same Dimension

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



444B79



4A559E



574479



37383D



00117D



0021FC



# Inverse Universe

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



79444B



9E4A55



667944



3D3738



7D0011



FC0021



# Previews

## White Background



This preview shows how the Hex color 444B79 looks on a white background.

## Color Contrast Check

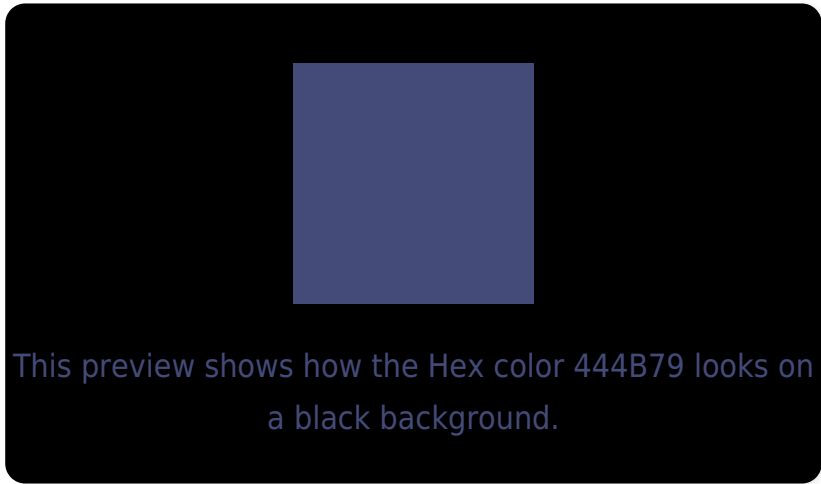
Large Text (above 18pt) WCAG AA ✓ Pass

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 444B79 Background



This preview shows how black text looks on a background with the Hex color 444B79.



This preview shows how white text looks on a background with the Hex color 444B79.

# 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](#).

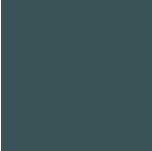
## Dichromacy



**Original Color**  
444B79

**Protanopia**  
3D4D7A

**Deuteranopia**  
394E78



**Tritanopia**  
3B5258

# Trichromacy



**Original Color**

444B79

**Protanomaly**

404C7A

**Deuteranomaly**

3D4D78

**Tritanomaly**

3E4F64

# Monochromacy



**Original Color**

444B79

**Achromatopsia**

4E4E4E

**Achromatomaly**

4A4D5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444B79 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 #444B79 looks like.

```
.text, #text, p{  
    color:#444B79  
}
```

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 #444B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444B79
}
```

## Border

The CSS property to change the border of an element to Hex 444B79 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
#444B79 }
```

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

```
.border{ border-color:#444B79 }
```

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

Here you see how a box with a 4 pixel #444B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444B79; -webkit-box-shadow:4px 4px  
4px 4px #444B79; box-shadow:4px 4px 4px  
4px #444B79 }
```

# Background

The CSS property to change the background color of an element to Hex 444B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444B79 }
```

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

```
.background{ background-color:#444B79 }
```

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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