

Converting Colors

Hex(474B79)

Have a look what the booklet for
Hex(474B79) contains.

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Color

Hex(474B79)

Conversions

Conversions Part 1

Format	Color
Hex	474B79
RGB	71, 75, 121
RGB Percent	28%, 29%, 47%
CMY	0.7216, 0.7059, 0.5255
CMYK	0.41, 0.38, 0.00, 0.53
HSL	235°, 26%, 38%
HSV	235°, 41%, 47%
XYZ	8.5658, 7.7522, 19.1340
YIQ	79.0480, -17.1500, 13.4580

Conversions

Conversions Part 2

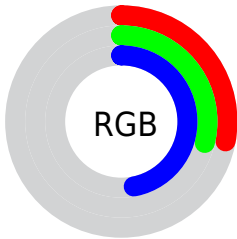
Format	Color
R_{YB}	71, 75, 121
Decimal	4672377
CIE Lab	33.46, 10.98, -26.75
CIE LCh	33, 28.910, 292.311
Yxy	7.7522, 0.2416, 0.2187
Android (android.graphics.Color)	4282862457 (0xFF474B79)
YUV	79.0480, 20.6823, -7.0581
Hunter-Lab	27.8428, 6.1903, -21.2551

Details

The Hex color **474B79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **797547**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7A7CAE**, and **161F48** is the 20% darker color. If you saturate the color by 10%, you get **3B4079**, and if you desaturate by 10%, it is **535679**.

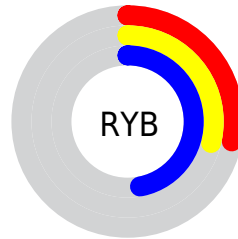
Distribution



 Red (28%)

 Green (29%)

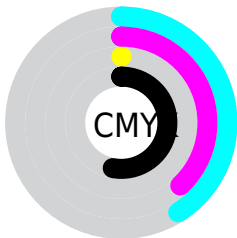
 Blue (47%)




 Red (28%)

 Yellow (29%)

 Blue (47%)

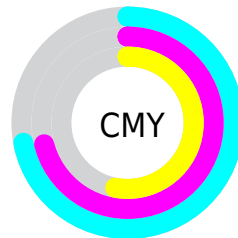


 Cyan (41%)

 Magenta (38%)

 Yellow (0%)

 Black (53%)



 Cyan (72%)

 Magenta (71%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474B79 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 474B79 by changing the saturation by 10% instead.

■ 474B79

■ 474B79

FFFFFF

■ 2F3460

■ 7A7CAE

■ 161F48

■ 9495C9

■ 000831

■ AFB0E5

■ 00011C

■ CBCBFF

■ 000000

■ E7E8FF

■ 474B79

■ 474B79

■ 3B4079

■ 535679

■ 2F3579

■ 5F6179

■ 232A79

■ 6B6C79

■ 171E79

■ 777879

■ 0B1379

■ 848379

■ 000A79

■ 908E79

■ 9C9979

■ A8A479

■ B4AF79

Harmonies

Analogous

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



13537C



474B79



65426B

Triad

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



474B79



72432B



005A48

Complementary

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



474B79



797547

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.



305732



474B79



614B20

Square

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



474B79



7A3D3F



4B5323



005A5F

Rectangle

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



474B79



723D5D



4B5323



165940

Sweetspot

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



474B79



8B8D9E



477975



44454F



CFCFCF



4F4F4F

Same Dimension

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



474B79



4F559E



5C4779



37383D



000A7D



0014FC

Inverse Universe

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



79474B



9E4F55



647947



3D3738



7D000A



FC0014

Previews

White Background



This preview shows how the Hex color 474B79 looks on a white background.

Color Contrast Check

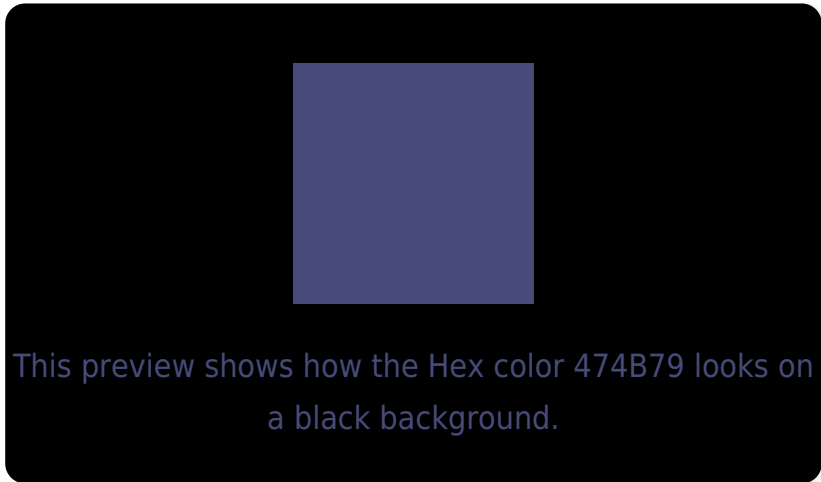
Large Text (above 18pt) WCAG AA ✓ Pass

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

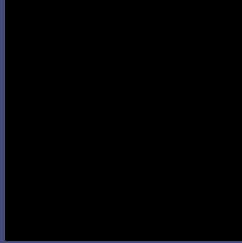
Any Text WCAG AA × Fail

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 474B79 Background



This preview shows how black text looks on a background with the Hex color 474B79.



This preview shows how white text looks on a background with the Hex color 474B79.

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

474B79

Protanopia

3E4D7B

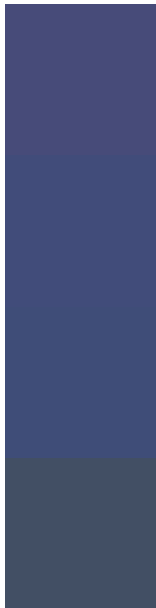
Deuteranopia

3A4E78



Tritanopia
3F5258

Trichromacy



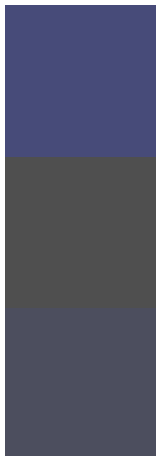
Original Color
474B79

Protanomaly
414C7A

Deuteranomaly
3F4D78

Tritanomaly
424F64

Monochromacy



Original Color
474B79

Achromatopsia
4F4F4F

Achromatomaly
4C4E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 474B79 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 #474B79 looks like.

```
.text, #text, p{  
    color:#474B79  
}
```

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 #474B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B79
}
```

Border

The CSS property to change the border of an element to Hex 474B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

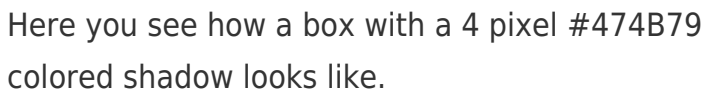
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B79 }
```

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

```
.border{ border-color:#474B79 }
```

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



Here you see how a box with a 4 pixel #474B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B79; -webkit-box-shadow:4px 4px  
4px 4px #474B79; box-shadow:4px 4px 4px  
4px #474B79 }
```

Background

The CSS property to change the background color of an element to Hex 474B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B79 }
```

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

```
.background{ background-color:#474B79 }
```

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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