

Converting Colors

Hex(474778)

Have a look what the booklet for
Hex(474778) contains.

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Color

Hex(474778)

Conversions

Conversions Part 1

Format	Color
Hex	474778
RGB	71, 71, 120
RGB Percent	28%, 28%, 47%
CMY	0.7216, 0.7216, 0.5294
CMYK	0.41, 0.41, 0.00, 0.53
HSL	240°, 26%, 37%
HSV	240°, 41%, 47%
XYZ	8.2419, 7.2021, 18.7251
YIQ	76.5860, -15.7290, 15.2390

Conversions

Conversions Part 2

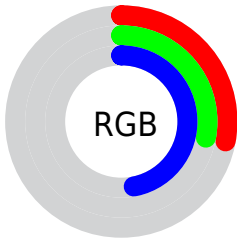
Format	Color
R_{YB}	71, 71, 120
Decimal	4671352
CIE _{Lab}	32.26, 13.28, -28.01
CIE _{LCh}	32, 30.998, 295.368
Yxy	7.2021, 0.2412, 0.2108
Android (android.graphics.Color)	4282861432 (0xFF474778)
YUV	76.5860, 21.4031, -4.8989
Hunter-Lab	26.8368, 7.8553, -22.5831

Details

The Hex color **474778** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **787847**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A77AD**, and **161C47** is the 20% darker color. If you saturate the color by 10%, you get **3B3B78**, and if you desaturate by 10%, it is **535378**.

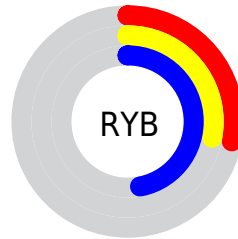
Distribution



Red (28%)

Green (28%)

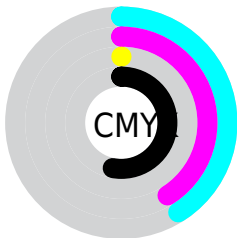
Blue (47%)



Red (28%)

Yellow (28%)

Blue (47%)

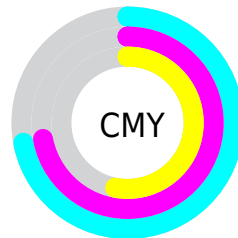


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (53%)



Cyan (72%)

Magenta (72%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474778 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 474778 by changing the saturation by 10% instead.

■ 474778

■ 474778

FFFFFF

■ 2F315F

■ 7A77AD

■ 161C47

■ 9491C8

■ 000130

■ AFABE4

■ 00011B

■ CBC7FF

■ 000000

■ E7E3FF

■ 474778

■ 474778

■ 3B3B78

■ 535378

■ 2F2F78

■ 5F5F78

■ 232378

■ 6B6B78

■ 171778

■ 777778

■ 0B0B78

■ 838378

■ 000078

■ 8F8F78

■ 9B9B78

■ A7A778

■ B3B378

Harmonies

Analogous

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



08507C



474778



663D68

Triad

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



474778



6F4024



005847

Complementary

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



474778



787847

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.



27552F



474778



5D4919

Square

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



474778



793838



45511E



005860

Rectangle

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



474778



733859



45511E



00573F

Sweetspot

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



474778



89899C



477878



44444F



CFCFCF



4F4F4F

Same Dimension

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



474778



4F4F9C



5F4778



37373D



00007D



0000FC

Inverse Universe

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



784778



9C4F9C



5F7847



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 474778 looks on a white background.

Color Contrast Check

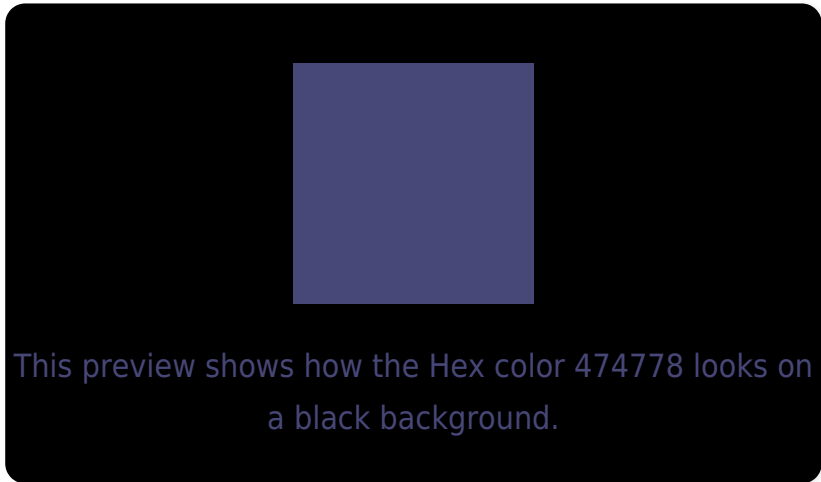
Large Text (above 18pt) WCAG AA ✓ Pass

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

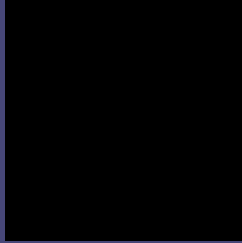
Any Text WCAG AA × Fail

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 474778 Background



This preview shows how black text looks on a background with the Hex color 474778.



This preview shows how white text looks on a background with the Hex color 474778.

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
474778

Protanopia
394A7B

Deuteranopia
354C77



Tritanopia
3E4F55

Trichromacy



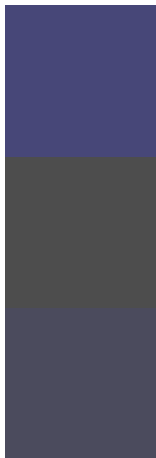
Original Color
474778

Protanomaly
3E497A

Deuteranomaly
3C4A77

Tritanomaly
414C62

Monochromacy



Original Color
474778

Achromatopsia
4D4D4D

Achromatomaly
4B4B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 474778 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 #474778 looks like.

```
.text, #text, p{  
    color:#474778  
}
```

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 #474778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474778  
}
```

Border

The CSS property to change the border of an element to Hex 474778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

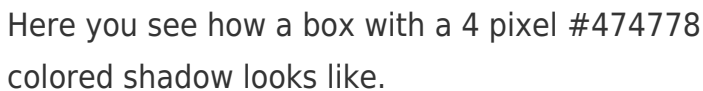
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#474778 }
```

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

```
.border{ border-color:#474778 }
```

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



Here you see how a box with a 4 pixel #474778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474778; -webkit-box-shadow:4px 4px  
4px 4px #474778; box-shadow:4px 4px 4px  
4px #474778 }
```

Background

The CSS property to change the background color of an element to Hex 474778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474778 }
```

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

```
.background{ background-color:#474778 }
```

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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