

Converting Colors

Hex(474174)

Have a look what the booklet for
Hex(474174) contains.

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Color

Hex(474174)

Conversions

Conversions Part 1

Format	Color
Hex	474174
RGB	71, 65, 116
RGB Percent	28%, 25%, 45%
CMY	0.7216, 0.7451, 0.5451
CMYK	0.39, 0.44, 0.00, 0.55
HSL	247°, 28%, 35%
HSV	247°, 44%, 45%
XYZ	7.6412, 6.3811, 17.3519
YIQ	72.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

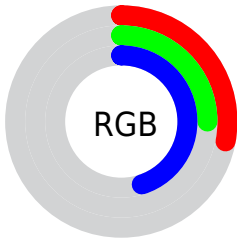
Format	Color
R_{YB}	71, 65, 116
Decimal	4669812
CIE _{Lab}	30.35, 15.99, -28.51
CIE _{LCh}	30, 32.691, 299.290
Yxy	6.3811, 0.2436, 0.2034
Android (android.graphics.Color)	4282859892 (0xFF474174)
YUV	72.6080, 21.3923, -1.4102
Hunter-Lab	25.2609, 9.7881, -23.0442

Details

The Hex color **474174** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E7441**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A71A8**, and **161643** is the 20% darker color. If you saturate the color by 10%, you get **3D3574**, and if you desaturate by 10%, it is **514D74**.

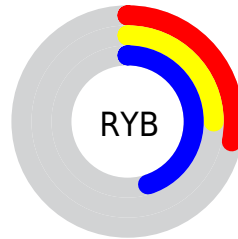
Distribution



Red (28%)

Green (25%)

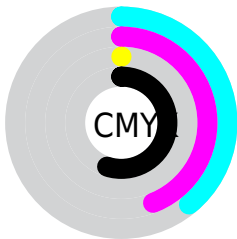
Blue (45%)



Red (28%)

Yellow (25%)

Blue (45%)

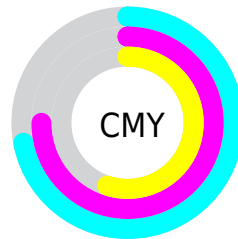


Cyan (39%)

Magenta (44%)

Yellow (0%)

Black (55%)



Cyan (72%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474174 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 474174 by changing the saturation by 10% instead.

■ 474174

■ 474174

FFFFFF

■ 2F2B5B

■ 7A71A8

■ 161643

■ 948AC4

■ 03002D

■ AFA5E0

■ 000117

■ CBC0FD

■ 000000

■ E7DCFF

■ FFF8FF

■ 474174

■ 474174

■ 3D3574

■ 514D74

■ 332A74

■ 5B5874

■ 281E74

■ 666474

■ 1E1374

■ 706F74

■ 140774

■ 7A7B74

■ 0E0074

■ 848774

■ 8F9274

■ 999E74

■ A3A974

Harmonies

Analogous

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



014A7A



474174



663762

Triad

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



474174



693C1C



005446

Complementary

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



474174



6E7441

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.



19522C



474174



564611

Square

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



474174



753330



3C4D18



005460

Rectangle

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



474174



713252



3C4D18



00533D

Sweetspot

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



474174



858396



416E74



42404D



CCCCCC



4D4D4D

Same Dimension

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



474174



504796



604174



35353B



0E007A



1D00FA

Inverse Universe

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



74416E



96478D



557441



3B353A



7A006C



FA00DC

Previews

White Background



This preview shows how the Hex color 474174 looks on a white background.

Color Contrast Check

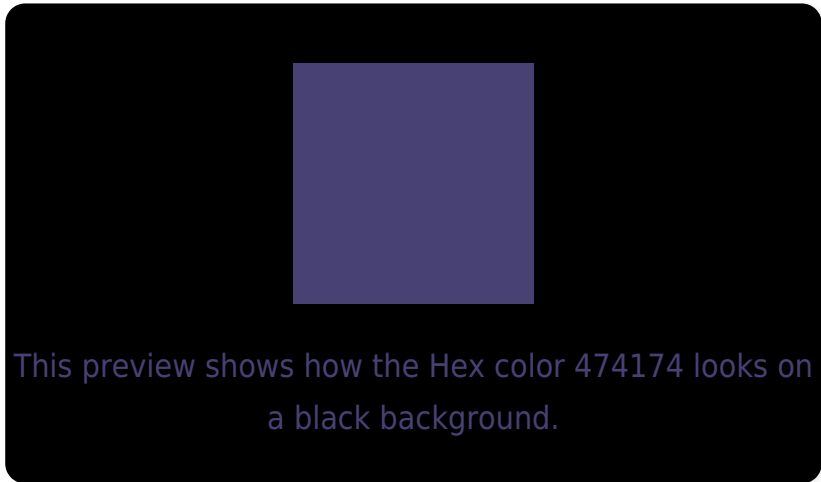
Large Text (above 18pt) WCAG AA ✓ Pass

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

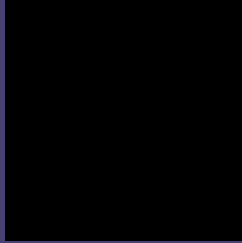
Any Text WCAG AA × Fail

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 474174 Background



This preview shows how black text looks on a background with the Hex color 474174.



This preview shows how white text looks on a background with the Hex color 474174.

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
474174

Protanopia
324678

Deuteranopia
2F4873



Tritanopia
3E494F

Trichromacy



Original Color
474174

Protanomaly
3A4477

Deuteranomaly
384573

Tritanomaly
41465C

Monochromacy



Original Color
474174

Achromatopsia
494949

Achromatomaly
484659

CSS Examples

Text

The CSS property to change the color of the text to Hex 474174 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 #474174 looks like.

```
.text, #text, p{  
    color:#474174  
}
```

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 #474174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474174
}
```

Border

The CSS property to change the border of an element to Hex 474174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

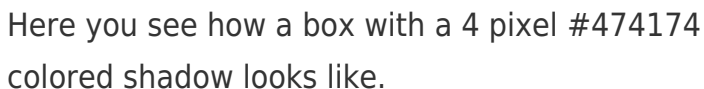
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474174 }
```

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

```
.border{ border-color:#474174 }
```

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



Here you see how a box with a 4 pixel #474174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474174; -webkit-box-shadow:4px 4px  
4px 4px #474174; box-shadow:4px 4px 4px  
4px #474174 }
```

Background

The CSS property to change the background color of an element to Hex 474174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474174 }
```

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

```
.background{ background-color:#474174 }
```

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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