

Converting Colors

Hex(474261)

Have a look what the booklet for
Hex(474261) contains.

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Color

Hex(474261)

Conversions

Conversions Part 1

Format	Color
Hex	474261
RGB	71, 66, 97
RGB Percent	28%, 26%, 38%
CMY	0.7216, 0.7412, 0.6196
CMYK	0.27, 0.32, 0.00, 0.62
HSL	250°, 19%, 32%
HSV	250°, 32%, 38%
XYZ	6.7044, 6.0991, 12.1331
YIQ	71.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

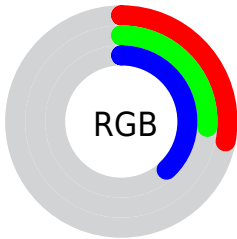
Format	Color
R_{YB}	71, 66, 97
Decimal	4670049
CIE Lab	29.66, 9.78, -17.52
CIE LCh	30, 20.060, 299.165
Yxy	6.0991, 0.2689, 0.2446
Android (android.graphics.Color)	4282860129 (0xFF474261)
YUV	71.0290, 12.8037, -0.0254
Hunter-Lab	24.6963, 5.2395, -11.8413

Details

The Hex color **474261** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6142**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **787294**, and **1A1732** is the 20% darker color. If you saturate the color by 10%, you get **3F3861**, and if you desaturate by 10%, it is **4F4C61**.

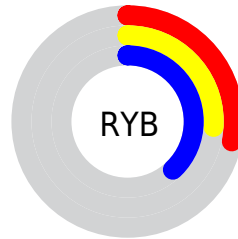
Distribution



Red (28%)

Green (26%)

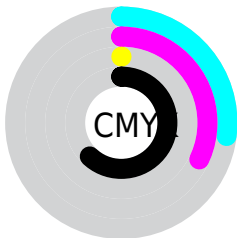
Blue (38%)



Red (28%)

Yellow (26%)

Blue (38%)

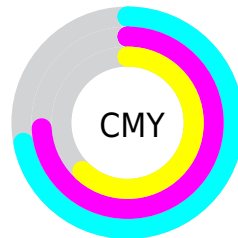


Cyan (27%)

Magenta (32%)

Yellow (0%)

Black (62%)



Cyan (72%)

Magenta (74%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474261 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 474261 by changing the saturation by 10% instead.

■ 474261

■ 474261

FFFFFF

■ 302C49

■ 787294

■ 1A1732

■ 928BAE

■ 02001E

■ ADA6CA

■ 000000

■ C8C1E6

■ E4DDFF

■ FFF9FF

■ 474261

■ 474261

■ 3F3861

■ 4F4C61

■ 372F61

■ 575561

■ 2F2561

■ 5F5F61

■ 261B61

■ 686961

■ 1E1261

■ 707361

■ 160861

■ 787C61

■ 100061

■ 808661

■ 889061

■ 909961

Harmonies

Analogous

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



2E4865



474261



593D56

Triad

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



474261



5D3F2C



194E45

Complementary

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



474261



5C6142

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.



2E4D35



474261



504527

Square

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



474261



643B38



40492A



044E54

Rectangle

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



474261



613A4C



40492A



204E40

Sweetspot

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



474261



72707D



425C61



393840



BFBFBF



404040

Same Dimension

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



474261



554D7D



564261



2C2C30



120070



2700F0

Inverse Universe

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



61425C



7D4D75



4D6142



302C30



70005E



F000C9

Previews

White Background



This preview shows how the Hex color 474261 looks on a white background.

Color Contrast Check

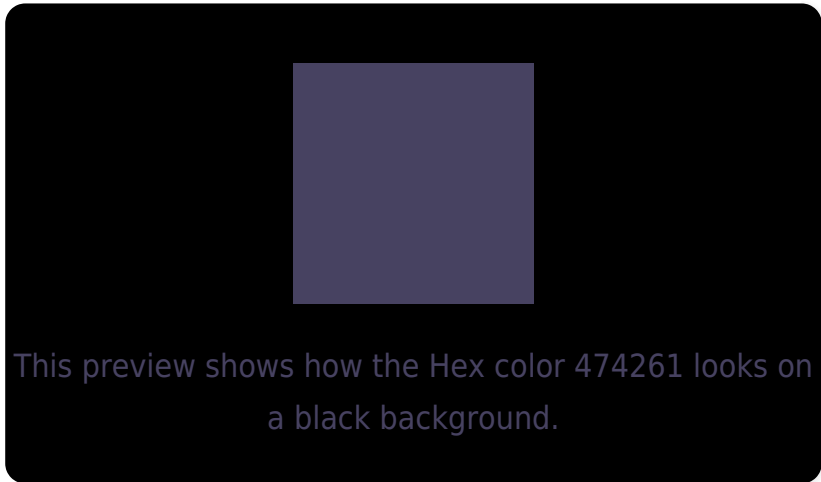
Large Text (above 18pt) WCAG AA ✓ Pass

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

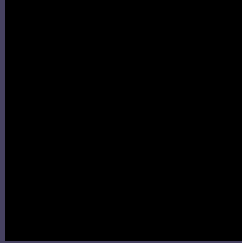
Any Text WCAG AA × Fail

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 474261 Background



This preview shows how black text looks on a background with the Hex color 474261.

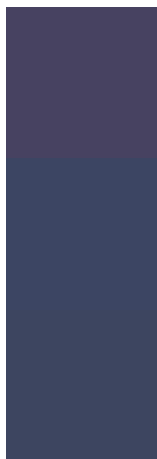


This preview shows how white text looks on a background with the Hex color 474261.

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](#).

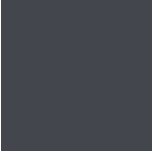
Dichromacy



Original Color
474261

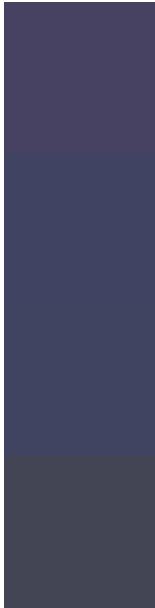
Protanopia
3C4563

Deuteranopia
3D4560



Tritanopia
43464C

Trichromacy



Original Color
474261

Protanomaly
404462

Deuteranomaly
414460

Tritanomaly
444554

Monochromacy



Original Color
474261

Achromatopsia
474747

Achromatomaly
474550

CSS Examples

Text

The CSS property to change the color of the text to Hex 474261 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 #474261 looks like.

```
.text, #text, p{  
    color:#474261  
}
```

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 #474261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474261
}
```

Border

The CSS property to change the border of an element to Hex 474261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

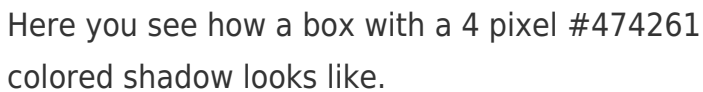
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474261 }
```

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

```
.border{ border-color:#474261 }
```

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



Here you see how a box with a 4 pixel #474261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474261; -webkit-box-shadow:4px 4px  
4px 4px #474261; box-shadow:4px 4px 4px  
4px #474261 }
```

Background

The CSS property to change the background color of an element to Hex 474261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474261 }
```

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

```
.background{ background-color:#474261 }
```

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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