

Converting Colors

Hex(474A65)

Have a look what the booklet for
Hex(474A65) contains.

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Color

Hex(474A65)

Conversions

Conversions Part 1

Format	Color
Hex	474A65
RGB	71, 74, 101
RGB Percent	28%, 29%, 40%
CMY	0.7216, 0.7098, 0.6039
CMYK	0.30, 0.27, 0.00, 0.60
HSL	234°, 17%, 34%
HSV	234°, 30%, 40%
XYZ	7.3963, 7.1767, 13.3073
YIQ	76.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

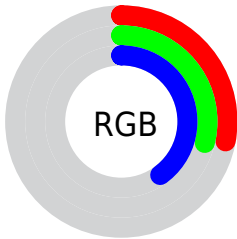
Format	Color
R_{YB}	71, 74, 101
Decimal	4672101
CIE _{Lab}	32.21, 5.68, -16.14
CIE _{LCh}	32, 17.110, 289.395
Yxy	7.1767, 0.2653, 0.2574
Android (android.graphics.Color)	4282862181 (0xFF474A65)
YUV	76.1810, 12.2358, -4.5437
Hunter-Lab	26.7894, 2.4004, -10.6990

Details

The Hex color **474A65** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **656247**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **787B98**, and **1A1E36** is the 20% darker color. If you saturate the color by 10%, you get **3D4165**, and if you desaturate by 10%, it is **515365**.

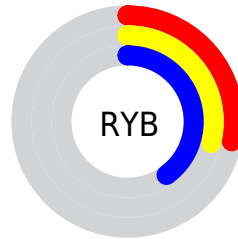
Distribution



Red (28%)

Green (29%)

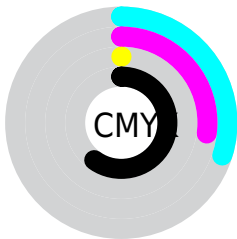
Blue (40%)



Red (28%)

Yellow (29%)

Blue (40%)

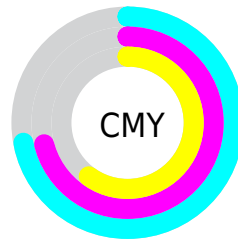


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A65 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 474A65 by changing the saturation by 10% instead.



474A65



474A65

FFFFFF



30334D



787B98



1A1E36



9294B3



030521



ADAFCE



000007



C8CAEB



000000



E4E6FF



474A65



474A65



3D4165



515365



333865



5B5C65

■ 292F65

■ 656565

■ 1F2665

■ 6F6E65

■ 151D65

■ 7A7765

■ 0A1365

■ 848165

■ 000A65

■ 8E8A65

■ 989365

■ A29C65

Harmonies

Analogous

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



334E66



474A65



58455D

Triad

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



474A65



634538



2D5346

Complementary

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



474A65



656247

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.



3D513A



474A65



5A4931

Square

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



474A65



674243



4C4E32



225354

Rectangle

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



474A65



604356



4C4E32



325242

Sweetspot

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



474A65



767882



476562



3B3C42



C2C2C2



424242

Same Dimension

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



474A65



535882



534765



2E2E33



000B73



0018F2

Inverse Universe

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



65474A



825358



596547



332E2E



73000B



F20018

Previews

White Background



This preview shows how the Hex color 474A65 looks on a white background.

Color Contrast Check

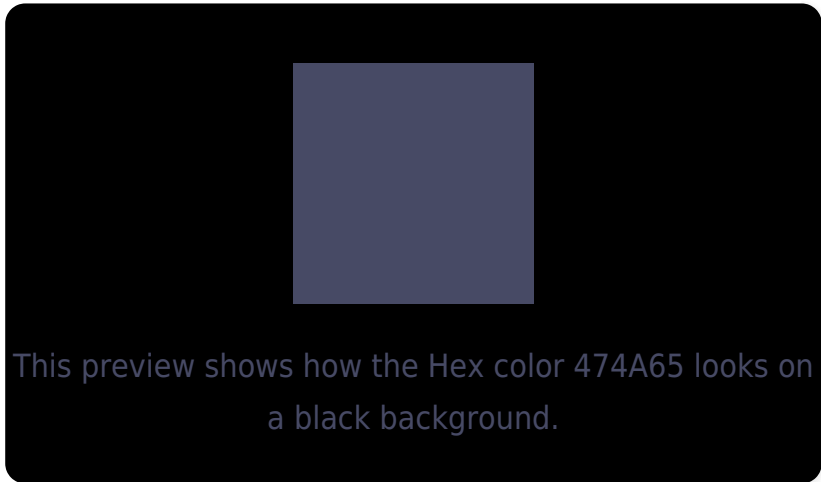
Large Text (above 18pt) WCAG AA ✓ Pass

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

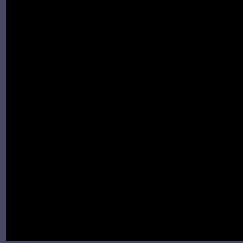
Any Text WCAG AA × Fail

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 474A65 Background



This preview shows how black text looks on a background with the Hex color 474A65.

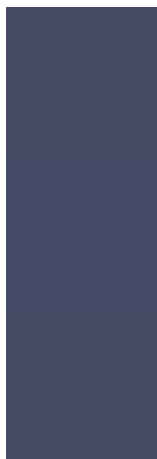


This preview shows how white text looks on a background with the Hex color 474A65.

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

474A65

Protanopia

444B66

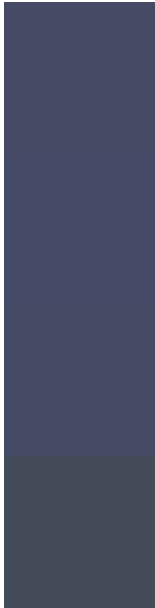
Deuteranopia

454B65



Tritanopia
434D53

Trichromacy



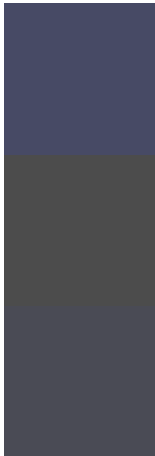
Original Color
474A65

Protanomaly
454B66

Deuteranomaly
464B65

Tritanomaly
444C5A

Monochromacy



Original Color
474A65

Achromatopsia
4C4C4C

Achromatomaly
4A4B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A65 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 #474A65 looks like.

```
.text, #text, p{  
    color:#474A65  
}
```

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 #474A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A65
}
```

Border

The CSS property to change the border of an element to Hex 474A65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

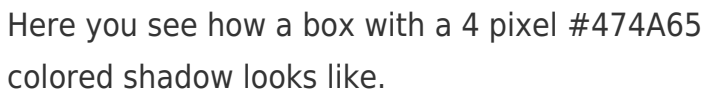
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A65 }
```

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

```
.border{ border-color:#474A65 }
```

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



Here you see how a box with a 4 pixel #474A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A65; -webkit-box-shadow:4px 4px  
4px 4px #474A65; box-shadow:4px 4px 4px  
4px #474A65 }
```

Background

The CSS property to change the background color of an element to Hex 474A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A65 }
```

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

```
.background{ background-color:#474A65 }
```

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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