

# Converting Colors

Hex(474C62)

Have a look what the booklet for  
Hex(474C62) contains.

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# Color

Hex(474C62)

# Conversions

## Conversions Part 1

Format	Color
Hex	474C62
RGB	71, 76, 98
RGB Percent	28%, 30%, 38%
CMY	0.7216, 0.7020, 0.6157
CMYK	0.28, 0.22, 0.00, 0.62
HSL	229°, 16%, 33%
HSV	229°, 28%, 38%
XYZ	7.3876, 7.3903, 12.5924
YIQ	77.0130, -10.0420, 5.7820

# Conversions

## Conversions Part 2

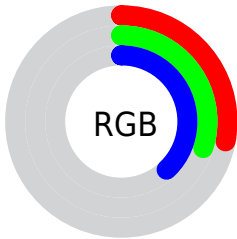
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 75, 98
Decimal	4672610
CIE <sub>Lab</sub>	32.68, 3.56, -13.51
CIE <sub>LCh</sub>	33, 13.972, 284.748
Yxy	7.3903, 0.2699, 0.2700
Android (android.graphics.Color)	4282862690 (0xFF474C62)
YUV	77.0130, 10.3466, -5.2734
Hunter-Lab	27.1851, 0.9335, -8.4340

# Details

The Hex color **474C62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625D47**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **787D95**, and **1A2033** is the 20% darker color. If you saturate the color by 10%, you get **3D4462**, and if you desaturate by 10%, it is **515462**.

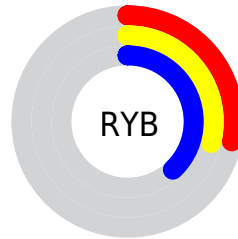
# Distribution



Red (28%)

Green (30%)

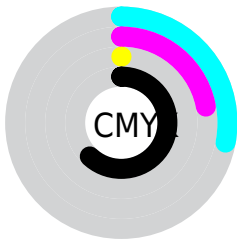
Blue (38%)



Red (28%)

Yellow (29%)

Blue (38%)

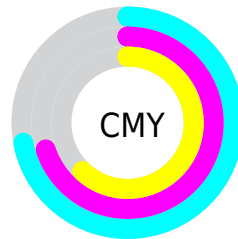


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (62%)



Cyan (72%)

Magenta (70%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474C62 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 474C62 by changing the saturation by 10% instead.





474C62



474C62

FFFFFF



30354A



787D95



1A2033



9297AF



03081F



ADB1CB



000002



C8CDE7



000000



E4E9FF



474C62



474C62



3D4462



515462



333C62



5B5C62

■ 2A3462

■ 646462

■ 202C62

■ 6E6C62

■ 162462

■ 787462

■ 0C1C62

■ 827C62

■ 021462

■ 8C8462

■ 001262

■ 958C62

■ 9F9462

# Harmonies

## Analogous

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



385062



474C62



55485D

# Triad

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



474C62



61473E



375347

# Complementary

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



474C62



625D47

# 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.



43513D



474C62



5A4A38

# Square

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



474C62



634548



4F4E38



2E5352

# Rectangle

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



474C62



5D4656



4F4E38



3B5243



# Sweetspot

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



474C62



757780



47625D



393B40



BFBFBF



404040



# Same Dimension

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



474C62



555D80



4F4762



2C2D30



001570



002CF0



# Inverse Universe

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



62474C



80555D



5A6247



302C2D



700015



F0002C



# Previews

## White Background



This preview shows how the Hex color 474C62 looks on a white background.

## Color Contrast Check

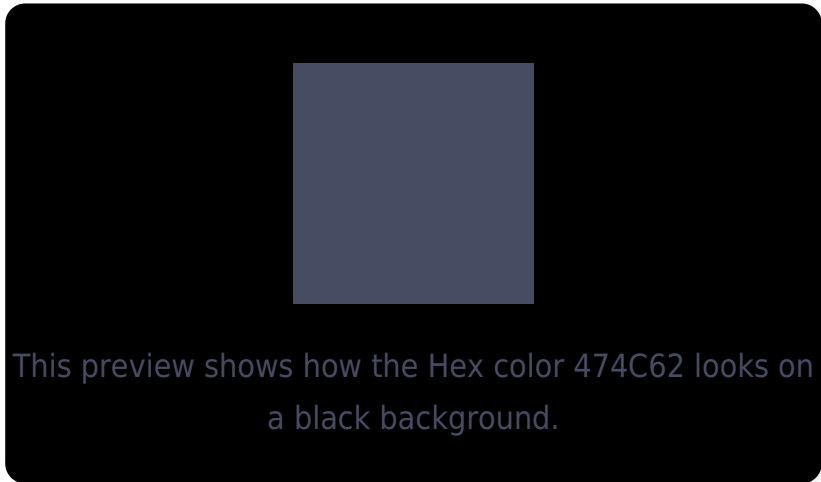
Large Text (above 18pt) WCAG AA ✓ Pass

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

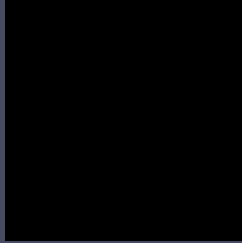
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 474C62 Background



This preview shows how black text looks on a background with the Hex color 474C62.

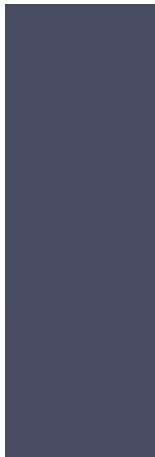


This preview shows how white text looks on a background with the Hex color 474C62.

# 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**  
474C62

**Protanopia**  
474C62

**Deuteranopia**  
494B62



**Tritanopia**  
444E55

# Trichromacy



**Original Color**

474C62

**Protanomaly**

474C62

**Deuteranomaly**

484B62

**Tritanomaly**

454D5A

# Monochromacy



**Original Color**

474C62

**Achromatopsia**

4D4D4D

**Achromatomaly**

4B4D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474C62 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 #474C62 looks like.

```
.text, #text, p{  
    color:#474C62  
}
```

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 #474C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474C62
}
```

## Border

The CSS property to change the border of an element to Hex 474C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

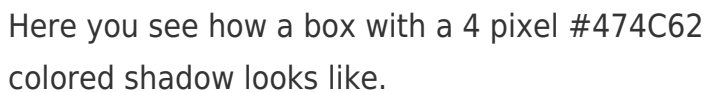
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474C62 }
```

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

```
.border{ border-color:#474C62 }
```

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



Here you see how a box with a 4 pixel #474C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474C62; -webkit-box-shadow:4px 4px  
4px 4px #474C62; box-shadow:4px 4px 4px  
4px #474C62 }
```

# Background

The CSS property to change the background color of an element to Hex 474C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474C62 }
```

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

```
.background{ background-color:#474C62 }
```

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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