

Converting Colors

Hex(474A59)

Have a look what the booklet for
Hex(474A59) contains.

Hex(474A59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(474A59)

Conversions

Conversions Part 1

Format	Color
Hex	474A59
RGB	71, 74, 89
RGB Percent	28%, 29%, 35%
CMY	0.7216, 0.7098, 0.6510
CMYK	0.20, 0.17, 0.00, 0.65
HSL	230°, 11%, 31%
HSV	230°, 20%, 35%
XYZ	6.8505, 6.9584, 10.4332
YIQ	74.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

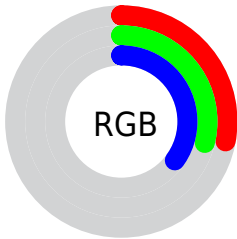
Format	Color
R_YB	71, 74, 89
Decimal	4672089
CIE Lab	31.71, 2.42, -9.26
CIE LCh	32, 9.570, 284.677
Yxy	6.9584, 0.2826, 0.2870
Android (android.graphics.Color)	4282862169 (0xFF474A59)
YUV	74.8130, 6.9942, -3.3440
Hunter-Lab	26.3788, 0.1929, -4.9850

Details

The Hex color **474A59** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **595647**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **787B8B**, and **1B1E2C** is the 20% darker color. If you saturate the color by 10%, you get **3E4359**, and if you desaturate by 10%, it is **505159**.

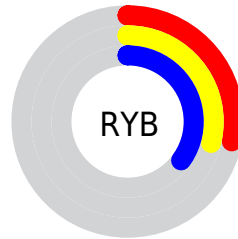
Distribution



Red (28%)

Green (29%)

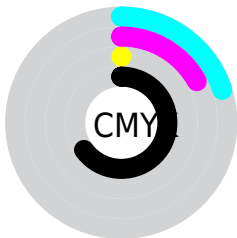
Blue (35%)



Red (28%)

Yellow (29%)

Blue (35%)

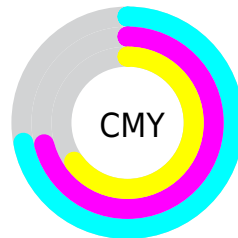


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (65%)



Cyan (72%)

Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A59 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 474A59 by changing the saturation by 10% instead.

■ 474A59

■ 474A59

FFFFFF

■ 303342

■ 787B8B

■ 1B1E2C

■ 9194A5

■ 020517

■ ACAFC0

■ 000000

■ C7CADC

■ E3E6F9

■ 474A59

■ 474A59

■ 3E4359

■ 505159

■ 353B59

■ 595959

■ 2C3459

■ 626059

■ 232C59

■ 6B6859

■ 1B2559

■ 736F59

■ 121E59

■ 7C7659

■ 091659

■ 857E59

■ 000F59

■ 8E8559

■ 978D59

Harmonies

Analogous

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



3E4C59



474A59



504855

Triad

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



474A59



594740



3C4F46

Complementary

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



474A59



595647

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.



444D40



474A59



54493C

Square

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



474A59



5A4547



4D4B3C



374F4E

Rectangle

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



474A59



554651



4D4B3C



3F4E44

Sweetspot

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



474A59



6C6D73



475956



37373B



BABABA



3B3B3B

Same Dimension

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



474A59



575C73



4D4759



27282B



00126B



0027EB

Inverse Universe

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



59474A



73575C



535947



2B2728



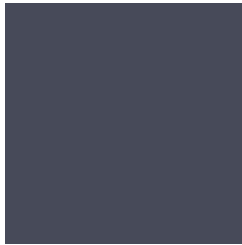
6B0012



EB0027

Previews

White Background



This preview shows how the Hex color 474A59 looks on a white background.

Color Contrast Check

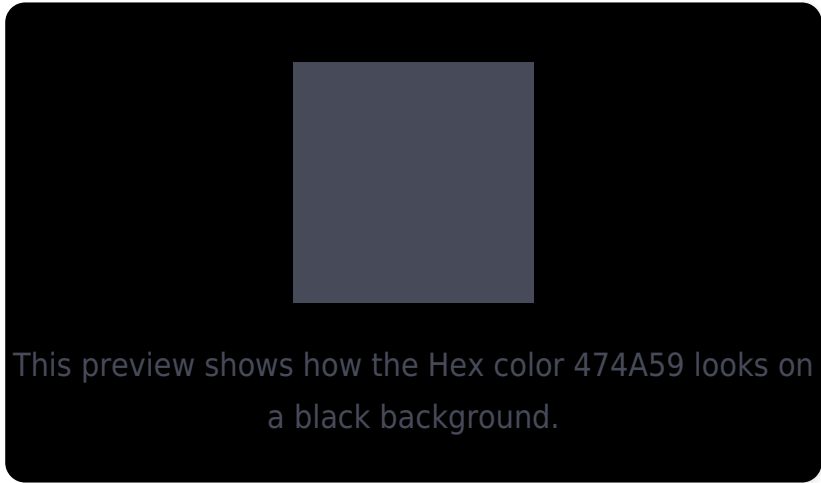
Large Text (above 18pt) WCAG AA ✓ Pass

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

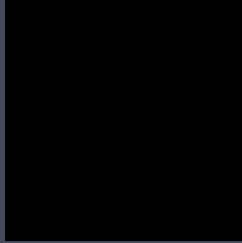
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

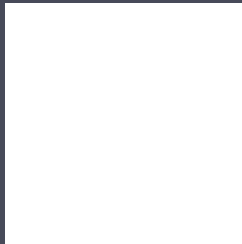
Any Text WCAG AAA × Fail

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

Hex 474A59 Background



This preview shows how black text looks on a background with the Hex color 474A59.

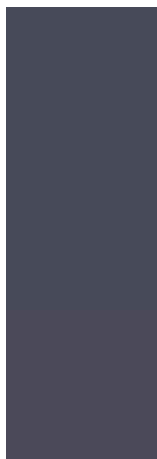


This preview shows how white text looks on a background with the Hex color 474A59.

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

474A59

Protanopia

474A59

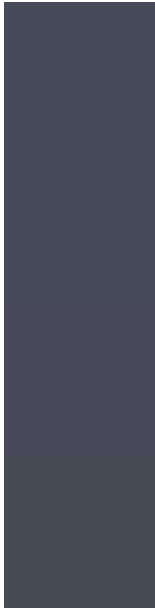
Deuteranopia

4B4959



Tritanopia
464B51

Trichromacy



Original Color

474A59

Protanomaly

474A59

Deuteranomaly

4A4959

Tritanomaly

464B54

Monochromacy



Original Color

474A59

Achromatopsia

4B4B4B

Achromatomaly

4A4B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A59 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 #474A59 looks like.

```
.text, #text, p{  
    color:#474A59  
}
```

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 #474A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A59
}
```

Border

The CSS property to change the border of an element to Hex 474A59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

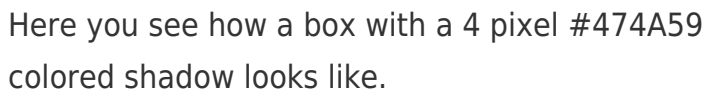
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A59 }
```

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

```
.border{ border-color:#474A59 }
```

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



Here you see how a box with a 4 pixel #474A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A59; -webkit-box-shadow:4px 4px  
4px 4px #474A59; box-shadow:4px 4px 4px  
4px #474A59 }
```

Background

The CSS property to change the background color of an element to Hex 474A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A59 }
```

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

```
.background{ background-color:#474A59 }
```

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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