

Converting Colors

Hex(474A5B)

Have a look what the booklet for
Hex(474A5B) contains.

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Color

Hex(474A5B)

Conversions

Conversions Part 1

Format	Color
Hex	474A5B
RGB	71, 74, 91
RGB Percent	28%, 29%, 36%
CMY	0.7216, 0.7098, 0.6431
CMYK	0.22, 0.19, 0.00, 0.64
HSL	231°, 12%, 32%
HSV	231°, 22%, 36%
XYZ	6.9356, 6.9925, 10.8817
YIQ	75.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

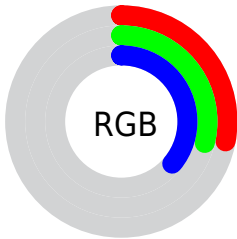
Format	Color
RYB	71, 74, 91
Decimal	4672091
CIELab	31.79, 2.95, -10.42
CIElCh	32, 10.826, 285.804
Yxy	6.9925, 0.2796, 0.2818
Android (android.graphics.Color)	4282862171 (0xFF474A5B)
YUV	75.0410, 7.8678, -3.5440
Hunter-Lab	26.4433, 0.5418, -5.8881

Details

The Hex color **474A5B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B5847**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **787B8D**, and **1B1E2D** is the 20% darker color. If you saturate the color by 10%, you get **3E425B**, and if you desaturate by 10%, it is **50525B**.

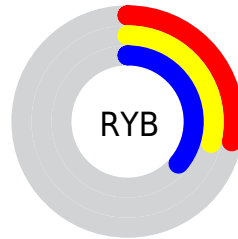
Distribution



Red (28%)

Green (29%)

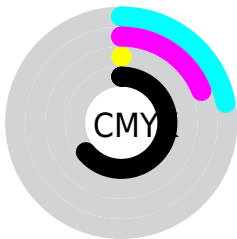
Blue (36%)



Red (28%)

Yellow (29%)

Blue (36%)

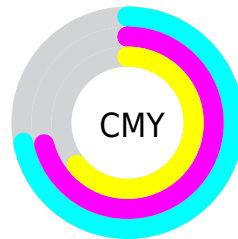


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A5B 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 474A5B by changing the saturation by 10% instead.

■ 474A5B

■ 474A5B

FFFFFF

■ 303344

■ 787B8D

■ 1B1E2D

■ 9194A8

■ 020519

■ ACAFC3

■ 000000

■ C7CADF

■ E4E6FB

■ 474A5B

■ 474A5B

■ 3E425B

■ 50525B

■ 353B5B

■ 59595B

■ 2C335B

■ 62615B

■ 232B5B

■ 6B695B

■ 19235B

■ 75715B

■ 101C5B

■ 7E785B

■ 07145B

■ 87805B

■ 000E5B

■ 90885B

■ 99905B

Harmonies

Analogous

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



3C4D5B



474A5B



524757

Triad

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



474A5B



5B463F



3A4F46

Complementary

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



474A5B



5B5847

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.



434E3F



474A5B



55493B

Square

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



474A5B



5C4547



4D4C3A



34504F

Rectangle

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



474A5B



574652



4D4C3A



3D4F44

Sweetspot

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



474A5B



6D6E75



475B58



36373B



BABABA



3B3B3B

Same Dimension

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



474A5B



575B75



4E475B



292A2E



00106E



0024ED

Inverse Universe

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



5B474A



75575B



545B47



2E292A



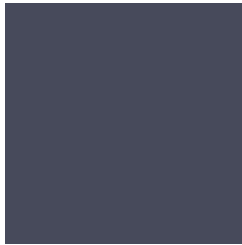
6E0010



ED0024

Previews

White Background



This preview shows how the Hex color 474A5B looks on a white background.

Color Contrast Check

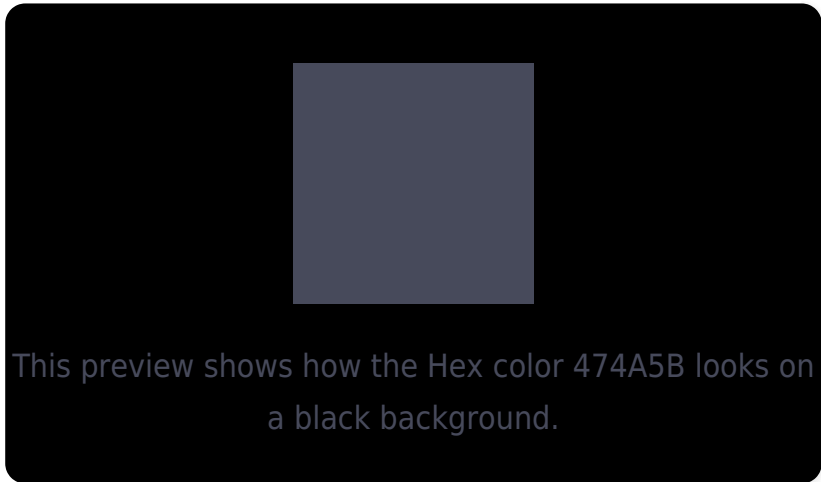
Large Text (above 18pt) WCAG AA ✓ Pass

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

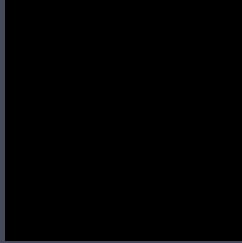
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

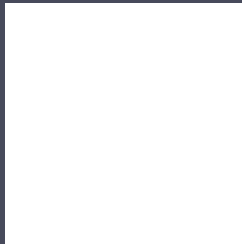
Any Text WCAG AAA × Fail

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

Hex 474A5B Background



This preview shows how black text looks on a background with the Hex color 474A5B.

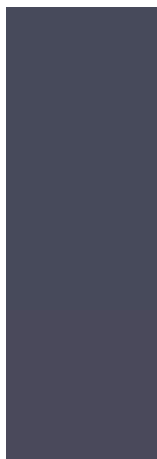


This preview shows how white text looks on a background with the Hex color 474A5B.

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

474A5B

Protanopia

474A5B

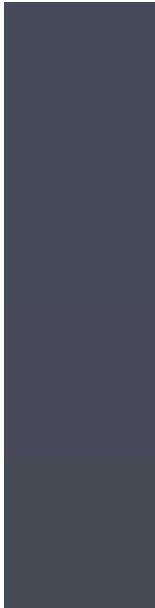
Deuteranopia

4A495B



Tritanopia
454C52

Trichromacy



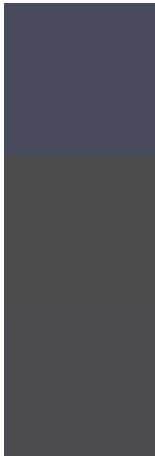
Original Color
474A5B

Protanomaly
474A5B

Deuteranomaly
49495B

Tritanomaly
464B55

Monochromacy



Original Color
474A5B

Achromatopsia
4B4B4B

Achromatomaly
4A4B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A5B 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 #474A5B looks like.

```
.text, #text, p{  
    color:#474A5B  
}
```

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 #474A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A5B
}
```

Border

The CSS property to change the border of an element to Hex 474A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

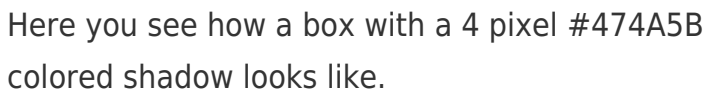
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A5B }
```

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

```
.border{ border-color:#474A5B }
```

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



Here you see how a box with a 4 pixel #474A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A5B; -webkit-box-shadow:4px 4px  
4px 4px #474A5B; box-shadow:4px 4px 4px  
4px #474A5B }
```

Background

The CSS property to change the background color of an element to Hex 474A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A5B }
```

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

```
.background{ background-color:#474A5B }
```

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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