

Converting Colors

Hex(474D51)

Have a look what the booklet for
Hex(474D51) contains.

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Color

Hex(474D51)

Conversions

Conversions Part 1

Format	Color
Hex	474D51
RGB	71, 77, 81
RGB Percent	28%, 30%, 32%
CMY	0.7216, 0.6980, 0.6824
CMYK	0.12, 0.05, 0.00, 0.68
HSL	204°, 7%, 30%
HSV	204°, 12%, 32%
XYZ	6.7376, 7.2414, 8.8272
YIQ	75.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

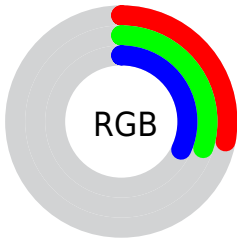
Format	Color
RYB	71, 75, 81
Decimal	4672849
CIELab	32.35, -1.48, -3.20
CIElCh	32, 3.521, 245.230
Yxy	7.2414, 0.2954, 0.3175
Android (android.graphics.Color)	4282862929 (0xFF474D51)
YUV	75.6620, 2.6316, -4.0886
Hunter-Lab	26.9099, -2.4001, -0.6119

Details

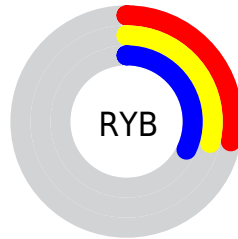
The Hex color **474D51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514B47**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **777E82**, and **1C2125** is the 20% darker color. If you saturate the color by 10%, you get **3F4A51**, and if you desaturate by 10%, it is **4F5051**.

Distribution



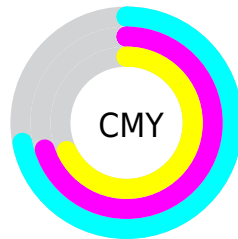
- Red (28%)
- Green (30%)
- Blue (32%)



- Red (28%)
- Yellow (29%)
- Blue (32%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (68%)



- Cyan (72%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474D51 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 474D51 by changing the saturation by 10% instead.



474D51



474D51

FFFFFF



31363A



777E82



1C2125



91989C



010A0F



ACB2B7



000000



C7CED3



E3EAEF



474D51



474D51



3F4A51



4F5051



374751



575351

■ 2F4351

■ 5F5751

■ 274051

■ 675A51

■ 1F3D51

■ 705D51

■ 163A51

■ 786051

■ 0E3651

■ 806451

■ 063351

■ 886751

■ 003151

■ 906A51

Harmonies

Analogous

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



454E4F



474D51



4A4C52

Triad

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



474D51



524A4C



4B4D48

Complementary

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



474D51



514B47

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.



4E4C47



474D51



524A49

Square

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



474D51



504B4E



514B47



484E4A

Rectangle

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



474D51



4C4C51



514B47



4C4D47

Sweetspot

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



474D51



646769



47514B



333436



B5B5B5



363636

Same Dimension

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



474D51



596269



474851



252729



003F69



008BE8

Inverse Universe

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



51474D



695962



515047



292527



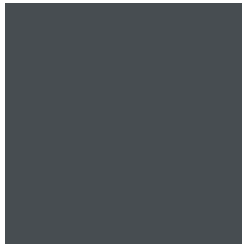
69003F



E8008B

Previews

White Background



This preview shows how the Hex color 474D51 looks on a white background.

Color Contrast Check

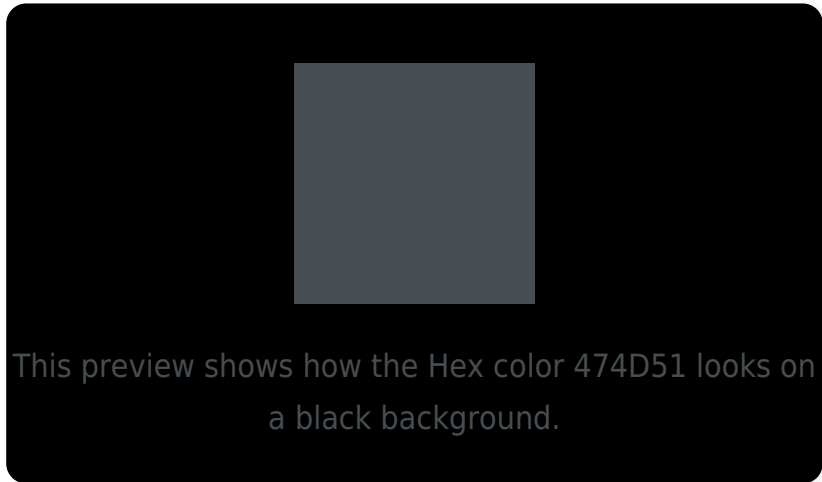
Large Text (above 18pt) WCAG AA ✓ Pass

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

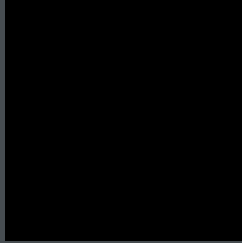
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

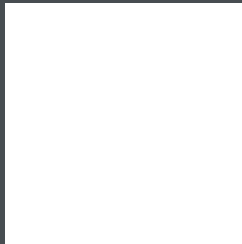
Any Text WCAG AAA × Fail

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

Hex 474D51 Background



This preview shows how black text looks on a background with the Hex color 474D51.



This preview shows how white text looks on a background with the Hex color 474D51.

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
474D51

Protanopia
4C4C50

Deuteranopia
514A52



Tritanopia
474D53

Trichromacy



Original Color

474D51

Protanomaly

4A4C50

Deuteranomaly

4D4B52

Tritanomaly

474D52

Monochromacy



Original Color

474D51

Achromatopsia

4C4C4C

Achromatomaly

4A4C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 474D51 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 #474D51 looks like.

```
.text, #text, p{  
    color:#474D51  
}
```

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 #474D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D51
}
```

Border

The CSS property to change the border of an element to Hex 474D51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

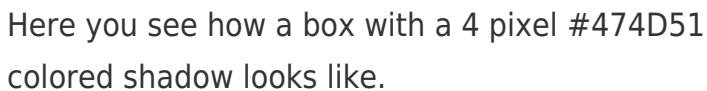
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474D51 }
```

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

```
.border{ border-color:#474D51 }
```

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



Here you see how a box with a 4 pixel #474D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D51; -webkit-box-shadow:4px 4px  
4px 4px #474D51; box-shadow:4px 4px 4px  
4px #474D51 }
```

Background

The CSS property to change the background color of an element to Hex 474D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D51 }
```

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

```
.background{ background-color:#474D51 }
```

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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