

Converting Colors

Hex(474D6A)

Have a look what the booklet for
Hex(474D6A) contains.

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Color

Hex(474D6A)

Conversions

Conversions Part 1

Format	Color
Hex	474D6A
RGB	71, 77, 106
RGB Percent	28%, 30%, 42%
CMY	0.7216, 0.6980, 0.5843
CMYK	0.33, 0.27, 0.00, 0.58
HSL	230°, 20%, 35%
HSV	230°, 33%, 42%
XYZ	7.8539, 7.6880, 14.7056
YIQ	78.5120, -12.8850, 7.7470

Conversions

Conversions Part 2

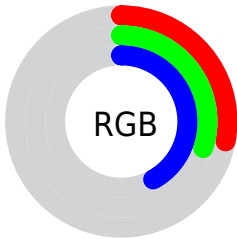
Format	Color
R _Y B	71, 76, 106
Decimal	4672874
CIE Lab	33.32, 5.18, -17.57
CIE LCh	33, 18.318, 286.412
Yxy	7.6880, 0.2597, 0.2542
Android (android.graphics.Color)	4282862954 (0xFF474D6A)
YUV	78.5120, 13.5516, -6.5880
Hunter-Lab	27.7272, 2.0389, -12.0366

Details

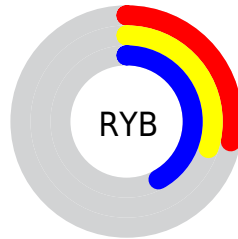
The Hex color **474D6A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6A6447**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **787E9D**, and **19213B** is the 20% darker color. If you saturate the color by 10%, you get **3C446A**, and if you desaturate by 10%, it is **52566A**.

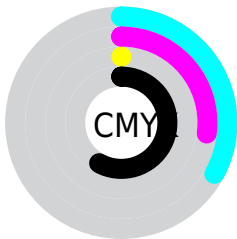
Distribution



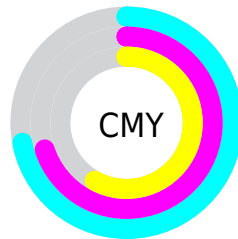
- Red (28%)
- Green (30%)
- Blue (42%)



- Red (28%)
- Yellow (30%)
- Blue (42%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (72%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474D6A 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 474D6A by changing the saturation by 10% instead.

■ 474D6A

■ 474D6A

FFFFFF

■ 303652

■ 787E9D

■ 19213B

■ 9298B8

■ 030A25

■ ADB2D4

■ 00010E

■ C9CEF0

■ 000000

■ E5EAFF

■ 474D6A

■ 474D6A

■ 3C446A

■ 52566A

■ 323B6A

■ 5C5F6A

■ 27336A

■ 67676A

■ 1D2A6A

■ 71706A

■ 12216A

■ 7C796A

■ 07186A

■ 87826A

■ 00126A

■ 918A6A

■ 9C936A

■ A69C6A

Harmonies

Analogous

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



31526A



474D6A



5A4862

Triad

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



474D6A



68463A



2F5647

Complementary

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



474D6A



6A6447

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.



40543A



474D6A



5E4B32

Square

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



474D6A



6B4447



505032



205656

Rectangle

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



474D6A



63455A



505032



355542

Sweetspot

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



474D6A



7C7E8A



476A64



3D3E45



C4C4C4



454545

Same Dimension

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



474D6A



535C8A



52476A



303136



001475



002AF5

Inverse Universe

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



6A474D



8A535C



5F6A47



363031



750014



F5002A

Previews

White Background



This preview shows how the Hex color 474D6A looks on a white background.

Color Contrast Check

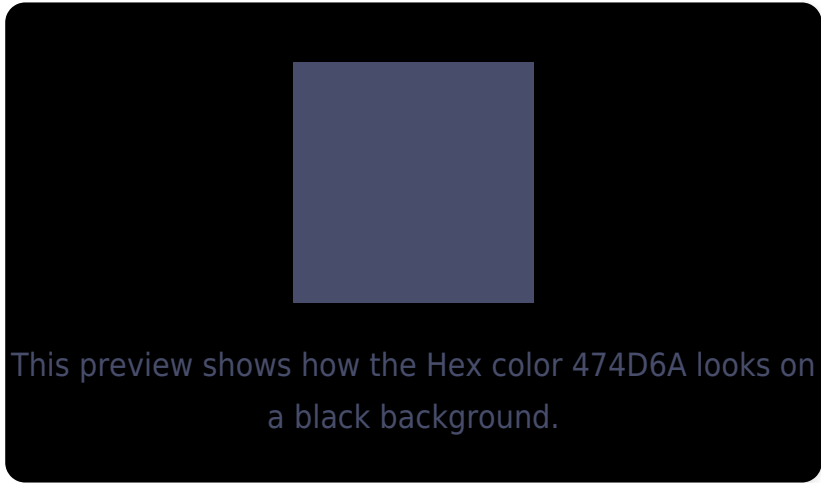
Large Text (above 18pt) WCAG AA ✓ Pass

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

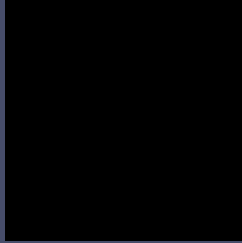
Any Text WCAG AA × Fail

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 474D6A Background



This preview shows how black text looks on a background with the Hex color 474D6A.



This preview shows how white text looks on a background with the Hex color 474D6A.

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
474D6A

Protanopia
464D6A

Deuteranopia
464D6A



Tritanopia
435157

Trichromacy



Original Color

474D6A

Protanomaly

464D6A

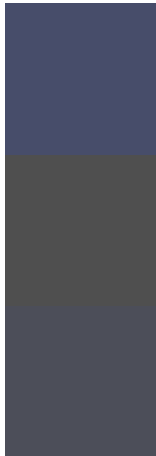
Deuteranomaly

464D6A

Tritanomaly

44505E

Monochromacy



Original Color

474D6A

Achromatopsia

4F4F4F

Achromatomaly

4C4E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 474D6A 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 #474D6A looks like.

```
.text, #text, p{  
    color:#474D6A  
}
```

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 #474D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D6A
}
```

Border

The CSS property to change the border of an element to Hex 474D6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

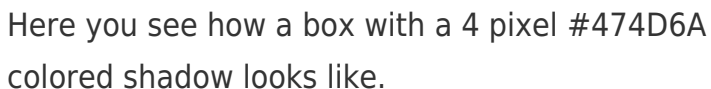
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474D6A }
```

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

```
.border{ border-color:#474D6A }
```

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



Here you see how a box with a 4 pixel #474D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D6A; -webkit-box-shadow:4px 4px  
4px 4px #474D6A; box-shadow:4px 4px 4px  
4px #474D6A }
```

Background

The CSS property to change the background color of an element to Hex 474D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D6A }
```

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

```
.background{ background-color:#474D6A }
```

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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