

Converting Colors

Hex(4D7381)

Have a look what the booklet for
Hex(4D7381) contains.

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Color

Hex(4D7381)

Conversions

Conversions Part 1

Format	Color
Hex	4D7381
RGB	77, 115, 129
RGB Percent	30%, 45%, 51%
CMY	0.6980, 0.5490, 0.4941
CMYK	0.40, 0.11, 0.00, 0.49
HSL	196°, 25%, 40%
HSV	196°, 40%, 51%
XYZ	13.1537, 15.4242, 23.0528
YIQ	105.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

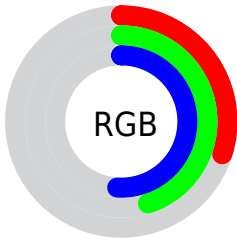
Format	Color
RYB	77, 99, 129
Decimal	5075841
CIELab	46.21, -9.52, -11.94
CIELCh	46, 15.273, 231.446
Yxy	15.4242, 0.2548, 0.2987
Android (android.graphics.Color)	4283265921 (0xFF4D7381)
YUV	105.2340, 11.7166, -24.7612
Hunter-Lab	39.2737, -8.9448, -7.3103

Details

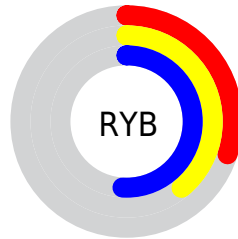
The Hex color **4D7381** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **815B4D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **80A7B6**, and **1B4350** is the 20% darker color. If you saturate the color by 10%, you get **407081**, and if you desaturate by 10%, it is **5A7681**.

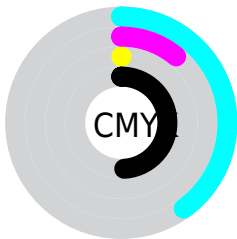
Distribution



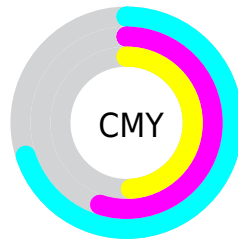
- Red (30%)
- Green (45%)
- Blue (51%)



- Red (30%)
- Yellow (39%)
- Blue (51%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7381 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 4D7381 by changing the saturation by 10% instead.

■ 4D7381

■ 4D7381

FFFFFF

■ 345A68

■ 80A7B6

■ 1B4350

■ 9BC2D1

■ 002D39

■ B6DEEE

■ 001923

■ D2FBFF

■ 00010D

■ EFFFFFF

■ 000000

■ 4D7381

■ 4D7381

■ 407081

■ 5A7681

■ 336C81

■ 677A81

■ 266981

■ 747D81

■ 196581

■ 818181

■ 0C6281

■ 8D8481

■ 005E81

■ 9A8881

■ A78B81

■ B48F81

■ C19281

Harmonies

Analogous

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



4A7576



4D7381



5A7086

Triad

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



4D7381



856572



6D7056

Complementary

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



4D7381



815B4D

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.



7B6B54



4D7381



886565

Square

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



4D7381



7A677E



84675A



5F735D

Rectangle

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



4D7381



656D86



84675A



726E54

Sweetspot

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



4D7381



94A3A8



4D815B



485154



D4D4D4



545454

Same Dimension

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



4D7381



5893A8



4D5981



393E40



005D80



000000

Inverse Universe

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



814D73



A85893



81754D



40393E



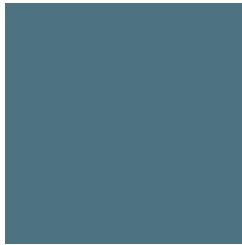
80005D



000000

Previews

White Background



This preview shows how the Hex color 4D7381 looks on a white background.

Color Contrast Check

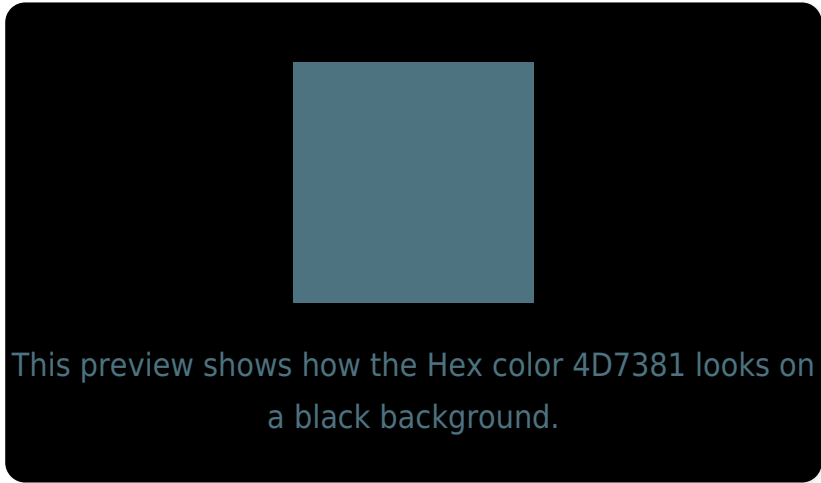
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

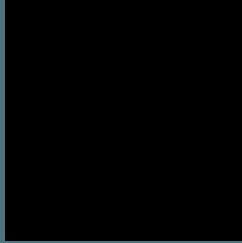
Any Text WCAG AA × Fail

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 4D7381 Background



This preview shows how black text looks on a background with the Hex color 4D7381.

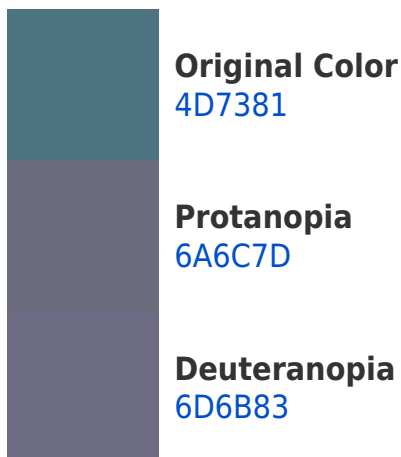


This preview shows how white text looks on a background with the Hex color 4D7381.

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](#).

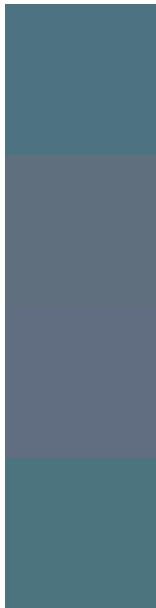
Dichromacy





Tritanopia
4C747D

Trichromacy



Original Color
4D7381

Protanomaly
5F6F7E

Deuteranomaly
616E82

Tritanomaly
4C747E

Monochromacy



Original Color
4D7381

Achromatopsia
696969

Achromatomaly
5F6D72

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7381 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 #4D7381 looks like.

```
.text, #text, p{  
    color:#4D7381  
}
```

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 #4D7381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7381
}
```

Border

The CSS property to change the border of an element to Hex 4D7381 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
#4D7381 }
```

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

```
.border{ border-color:#4D7381 }
```

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

Here you see how a box with a 4 pixel #4D7381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7381; -webkit-box-shadow:4px 4px  
4px 4px #4D7381; box-shadow:4px 4px 4px  
4px #4D7381 }
```

Background

The CSS property to change the background color of an element to Hex 4D7381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7381 }
```

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

```
.background{ background-color:#4D7381 }
```

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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