

Converting Colors

Hex(4D4750)

Have a look what the booklet for
Hex(4D4750) contains.

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Color

Hex(4D4750)

Conversions

Conversions Part 1

Format	Color
Hex	4D4750
RGB	77, 71, 80
RGB Percent	30%, 28%, 31%
CMY	0.6980, 0.7216, 0.6863
CMYK	0.04, 0.11, 0.00, 0.69
HSL	280°, 6%, 30%
HSV	280°, 11%, 31%
XYZ	6.7618, 6.6634, 8.5192
YIQ	73.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

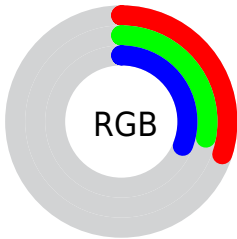
Format	Color
R_{YB}	77, 71, 80
Decimal	5064528
CIE _{Lab}	31.03, 4.47, -4.46
CIE _{LCh}	31, 6.314, 315.079
Yxy	6.6634, 0.3081, 0.3037
Android (android.graphics.Color)	4283254608 (0xFF4D4750)
YUV	73.8200, 3.0467, 2.7889
Hunter-Lab	25.8136, 1.5834, -1.4978

Details

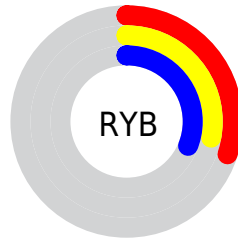
The Hex color **4D4750** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A5047**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7E7781**, and **211C24** is the 20% darker color. If you saturate the color by 10%, you get **4A3F50**, and if you desaturate by 10%, it is **504F50**.

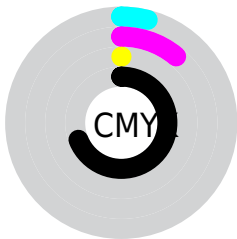
Distribution



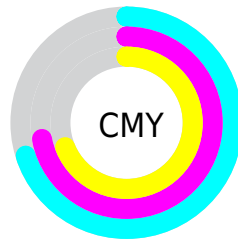
- Red (30%)
- Green (28%)
- Blue (31%)



- Red (30%)
- Yellow (28%)
- Blue (31%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4750 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 4D4750 by changing the saturation by 10% instead.

■ 4D4750

■ 4D4750

FFFFFF

■ 363139

■ 7E7781

■ 211C24

■ 98919B

■ 0A010E

■ B3ACB6

■ 000000

■ CEC7D2

■ EAE3EE

■ 4D4750

■ 4D4750

■ 4A3F50

■ 504F50

■ 483750

■ 525750

■ 452F50

■ 555F50

■ 422750

■ 586750

■ 401F50

■ 5A6F50

■ 3D1750

■ 5D7750

■ 3A0F50

■ 607F50

■ 380750

■ 628750

■ 350050

■ 658F50

Harmonies

Analogous

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



474952



4D4750



52464C

Triad

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



4D4750



4F4840



3D4C4B

Complementary

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



4D4750



4A5047

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.



404C46



4D4750



4A4940

Square

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



4D4750



534642



454B42



3D4B50

Rectangle

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



4D4750



534648



454B42



3D4C4A

Sweetspot

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



4D4750



686569



474A50



353336



B5B5B5



363636

Same Dimension

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



4D4750



645A69



50474F



272529



460069



9B00E8

Inverse Universe

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



50474A



695A5F



475048



292526



690023



E8004D

Previews

White Background



This preview shows how the Hex color 4D4750 looks on a white background.

Color Contrast Check

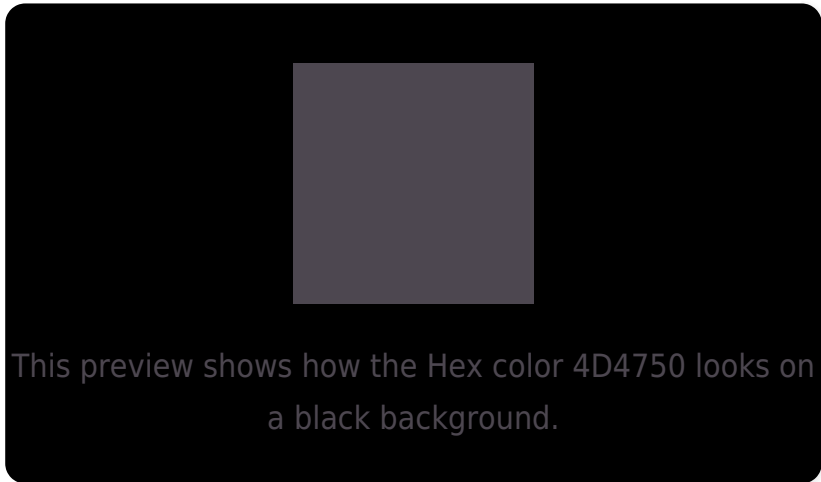
Large Text (above 18pt) WCAG AA ✓ Pass

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

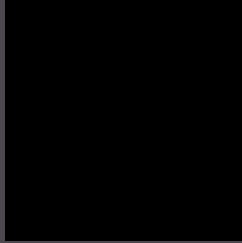
Any Text WCAG AA × Fail

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 4D4750 Background



This preview shows how black text looks on a background with the Hex color 4D4750.



This preview shows how white text looks on a background with the Hex color 4D4750.

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
4D4750

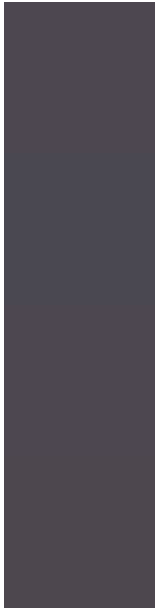
Protanopia
484951

Deuteranopia
4D4750



Tritanopia
4D474D

Trichromacy



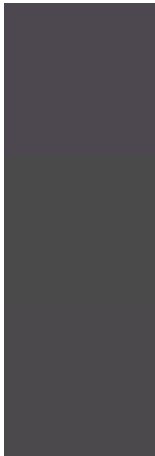
Original Color
4D4750

Protanomaly
4A4851

Deuteranomaly
4D4750

Tritanomaly
4D474E

Monochromacy



Original Color
4D4750

Achromatopsia
4A4A4A

Achromatomaly
4B494C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4750 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 #4D4750 looks like.

```
.text, #text, p{  
    color:#4D4750  
}
```

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 #4D4750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4750
}
```

Border

The CSS property to change the border of an element to Hex 4D4750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

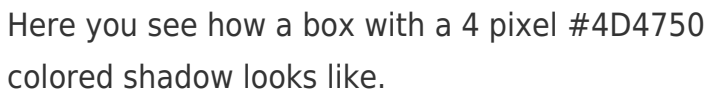
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4750 }
```

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

```
.border{ border-color:#4D4750 }
```

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



Here you see how a box with a 4 pixel #4D4750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4750; -webkit-box-shadow:4px 4px  
4px 4px #4D4750; box-shadow:4px 4px 4px  
4px #4D4750 }
```

Background

The CSS property to change the background color of an element to Hex 4D4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4750 }
```

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

```
.background{ background-color:#4D4750 }
```

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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