

Converting Colors

Hex(4C4D47)

Have a look what the booklet for
Hex(4C4D47) contains.

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Color

Hex(4C4D47)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D47
RGB	76, 77, 71
RGB Percent	30%, 30%, 28%
CMY	0.7020, 0.6980, 0.7216
CMYK	0.01, 0.00, 0.08, 0.70
HSL	70°, 4%, 29%
HSV	70°, 8%, 30%
XYZ	6.7717, 7.2992, 7.0132
YIQ	76.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

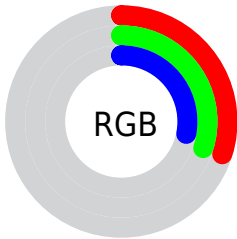
Format	Color
R_{YB}	71, 77, 72
Decimal	5000519
CIE Lab	32.48, -1.68, 3.41
CIE LCh	32, 3.804, 116.204
Yxy	7.2992, 0.3212, 0.3462
Android (android.graphics.Color)	4283190599 (0xFF4C4D47)
YUV	76.0170, -2.4734, -0.0149
Hunter-Lab	27.0170, -2.5395, 3.5211

Details

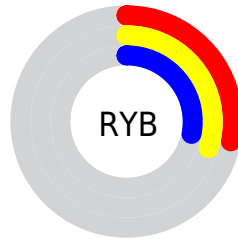
The Hex color **4C4D47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48474D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D7E77**, and **20211C** is the 20% darker color. If you saturate the color by 10%, you get **4B4D3F**, and if you desaturate by 10%, it is **4D4D4F**.

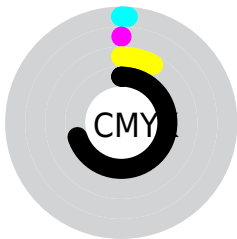
Distribution



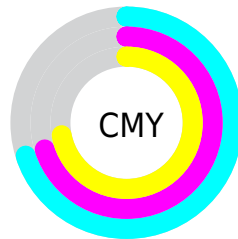
- Red (30%)
- Green (30%)
- Blue (28%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D47 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 4C4D47 by changing the saturation by 10% instead.



4C4D47



4C4D47

FFFFFF



353631



7D7E77



20211C



979891



090A01



B1B2AB



000000



CDCEC7



E9EAE3



4C4D47



4C4D47



4B4D3F



4D4D4F



494D38



4F4D56

■ 484D30

■ 504D5E

■ 474D28

■ 514D66

■ 464D21

■ 524D6E

■ 444D19

■ 544D75

■ 434D11

■ 554D7D

■ 424D09

■ 564D85

■ 404D02

■ 584D8C

Harmonies

Analogous

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



4F4C46



4C4D47



494E49

Triad

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



4C4D47



464E51



524A4D

Complementary

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



4C4D47



48474D

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.



504B50



4C4D47



494D52

Square

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



4C4D47



454E4F



4D4C52



534B4A

Rectangle

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



4C4D47



474E4B



4D4C52



524B4E

Sweetspot

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



4C4D47



636361



4D4847



333332



B3B3B3



333333

Same Dimension

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



4C4D47



62635A



494D47



262622



556600



BFE600

Inverse Universe

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



48474D



5C5A63



4B474D



232226



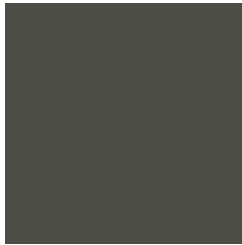
110066



2600E6

Previews

White Background



This preview shows how the Hex color 4C4D47 looks on a white background.

Color Contrast Check

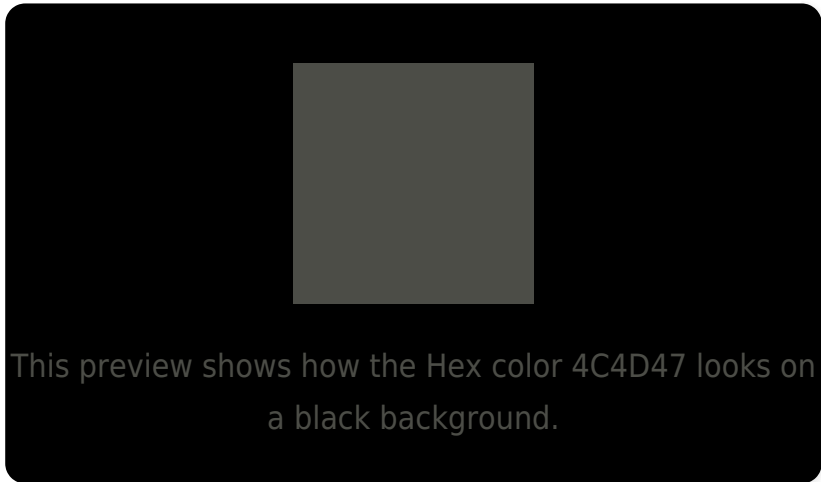
Large Text (above 18pt) WCAG AA ✓ Pass

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

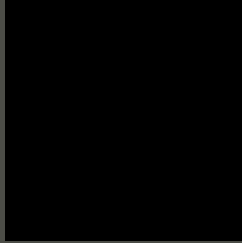
Any Text WCAG AA × Fail

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 4C4D47 Background



This preview shows how black text looks on a background with the Hex color 4C4D47.



This preview shows how white text looks on a background with the Hex color 4C4D47.

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
4C4D47

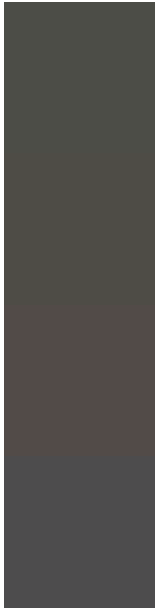
Protanopia
4F4C46

Deuteranopia
554A48



Tritanopia
4E4B51

Trichromacy



Original Color

4C4D47

Protanomaly

4E4C46

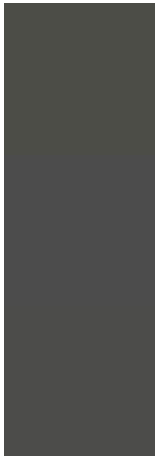
Deuteranomaly

524B48

Tritanomaly

4D4C4D

Monochromacy



Original Color

4C4D47

Achromatopsia

4C4C4C

Achromatomaly

4C4C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D47 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 #4C4D47 looks like.

```
.text, #text, p{  
    color:#4C4D47  
}
```

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 #4C4D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D47
}
```

Border

The CSS property to change the border of an element to Hex 4C4D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

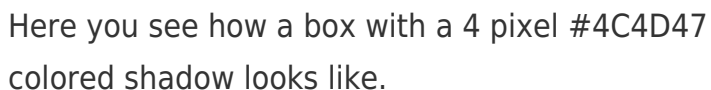
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D47 }
```

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

```
.border{ border-color:#4C4D47 }
```

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



Here you see how a box with a 4 pixel #4C4D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D47; -webkit-box-shadow:4px 4px  
4px 4px #4C4D47; box-shadow:4px 4px 4px  
4px #4C4D47 }
```

Background

The CSS property to change the background color of an element to Hex 4C4D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D47 }
```

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

```
.background{ background-color:#4C4D47 }
```

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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