

Converting Colors

Hex(4D4D49)

Have a look what the booklet for
Hex(4D4D49) contains.

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Color

Hex(4D4D49)

Conversions

Conversions Part 1

Format	Color
Hex	4D4D49
RGB	77, 77, 73
RGB Percent	30%, 30%, 29%
CMY	0.6980, 0.6980, 0.7137
CMYK	0.00, 0.00, 0.05, 0.70
HSL	60°, 3%, 29%
HSV	60°, 5%, 30%
XYZ	6.9170, 7.3666, 7.3607
YIQ	76.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

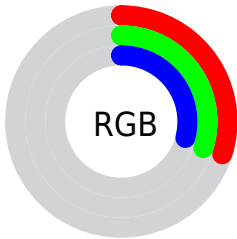
Format	Color
R_{YB}	73, 77, 73
Decimal	5066057
CIE Lab	32.63, -0.85, 2.37
CIE LCh	33, 2.514, 109.718
Yxy	7.3666, 0.3196, 0.3403
Android (android.graphics.Color)	4283256137 (0xFF4D4D49)
YUV	76.5440, -1.7472, 0.3999
Hunter-Lab	27.1414, -2.0065, 2.9198

Details

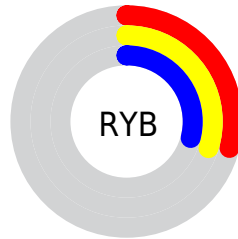
The Hex color **4D4D49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49494D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7E7E7A**, and **21211E** is the 20% darker color. If you saturate the color by 10%, you get **4D4D41**, and if you desaturate by 10%, it is **4D4D51**.

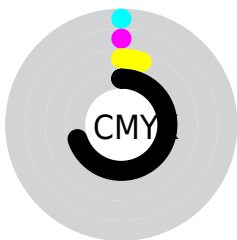
Distribution



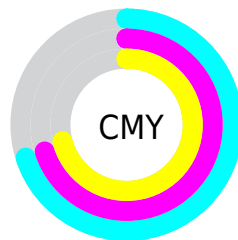
- Red (30%)
- Green (30%)
- Blue (29%)



- Red (29%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (70%)



- Cyan (70%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4D49 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 4D4D49 by changing the saturation by 10% instead.



4D4D49



4D4D49

FFFFFF



363633



7E7E7A



21211E



989893



0A0A04



B2B2AE



000000



CECEC9



EAEAE5



4D4D49



4D4D49



4D4D41



4D4D51



4D4D3A



4D4D58

 4D4D32

 4D4D60

 4D4D2A

 4D4D68

 4D4D23

 4D4D6F

 4D4D1B

 4D4D77

 4D4D13

 4D4D7F

 4D4D0B

 4D4D87

 4D4D04

 4D4D8E

Harmonies

Analogous

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



4F4C49



4D4D49



4B4E4A

Triad

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



4D4D49



484E50



504B4D

Complementary

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



4D4D49



49494D

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.



4F4C4F



4D4D49



4A4D51

Square

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



4D4D49



484E4E



4C4C50



514B4B

Rectangle

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



4D4D49



494E4B



4C4C50



504C4E

Sweetspot

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



4D4D49



636361



4D4949



333332



B3B3B3



333333

Same Dimension

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



4D4D49



63635D



4B4D49



262624



666600



E6E600

Inverse Universe

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



49494D



5D5D63



4B494D



242426



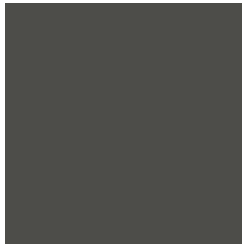
000066



0000E6

Previews

White Background



This preview shows how the Hex color 4D4D49 looks on a white background.

Color Contrast Check

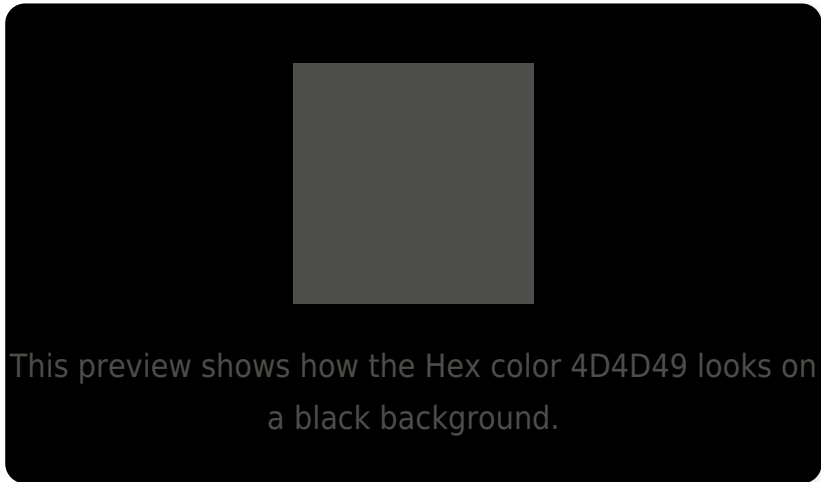
Large Text (above 18pt) WCAG AA ✓ Pass

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

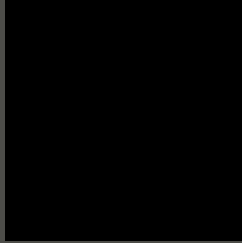
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

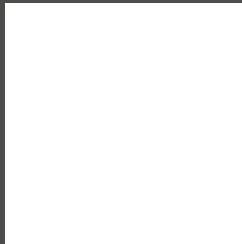
Any Text WCAG AAA × Fail

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

Hex 4D4D49 Background



This preview shows how black text looks on a background with the Hex color 4D4D49.



This preview shows how white text looks on a background with the Hex color 4D4D49.

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
4D4D49

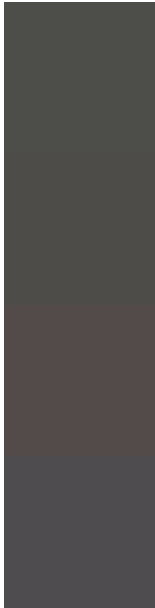
Protanopia
4F4C49

Deuteranopia
554A4A



Tritanopia
4E4C52

Trichromacy



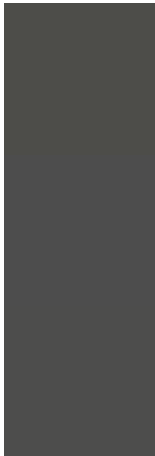
Original Color
4D4D49

Protanomaly
4E4C49

Deuteranomaly
524B4A

Tritanomaly
4E4C4F

Monochromacy



Original Color
4D4D49

Achromatopsia
4D4D4D

Achromatomaly
4D4D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4D49 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 #4D4D49 looks like.

```
.text, #text, p{  
    color:#4D4D49  
}
```

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 #4D4D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4D49
}
```

Border

The CSS property to change the border of an element to Hex 4D4D49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

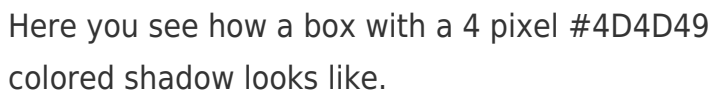
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4D49 }
```

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

```
.border{ border-color:#4D4D49 }
```

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



Here you see how a box with a 4 pixel #4D4D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4D49; -webkit-box-shadow:4px 4px  
4px 4px #4D4D49; box-shadow:4px 4px 4px  
4px #4D4D49 }
```

Background

The CSS property to change the background color of an element to Hex 4D4D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4D49 }
```

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

```
.background{ background-color:#4D4D49 }
```

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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