

# Converting Colors

Hex(4D5C51)

Have a look what the booklet for  
Hex(4D5C51) contains.

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# Color

**Hex(4D5C51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5C51
RGB	77, 92, 81
RGB Percent	30%, 36%, 32%
CMY	0.6980, 0.6392, 0.6824
CMYK	0.16, 0.00, 0.12, 0.64
HSL	136°, 9%, 33%
HSV	136°, 16%, 36%
XYZ	8.3729, 9.8262, 9.2399
YIQ	86.2610, -5.4090, -6.6010

# Conversions

## Conversions Part 2

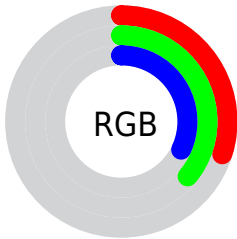
Format	Color
<b>R<sub>YB</sub></b>	77, 89, 92
Decimal	5069905
CIE Lab	37.53, -8.25, 4.40
CIE LCh	38, 9.352, 151.919
Yxy	9.8262, 0.3051, 0.3581
Android (android.graphics.Color)	4283259985 (0xFF4D5C51)
YUV	86.2610, -2.5937, -8.1219
Hunter-Lab	31.3467, -7.1782, 4.4661

# Details

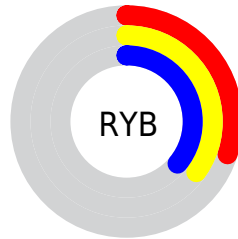
The Hex color **4D5C51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C4D58**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7E8E82**, and **212E24** is the 20% darker color. If you saturate the color by 10%, you get **445C4A**, and if you desaturate by 10%, it is **565C58**.

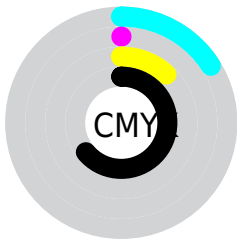
# Distribution



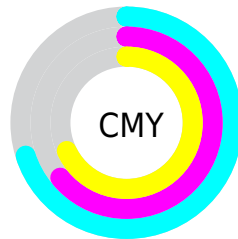
- Red (30%)
- Green (36%)
- Blue (32%)



- Red (30%)
- Yellow (35%)
- Blue (36%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (64%)



- Cyan (70%)
- Magenta (64%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D5C51 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 4D5C51 by changing the saturation by 10% instead.





4D5C51



4D5C51

FFFFFF



36443A



7E8E82



212E24



98A99C



0B1A0F



B3C4B7



000000



CEE0D3



EBFCEF



4D5C51



4D5C51



445C4A



565C58



3B5C44



5F5C5E

■ 315C3D

■ 695C65

■ 285C36

■ 725C6C

■ 1F5C2F

■ 7B5C73

■ 165C29

■ 845C79

■ 0D5C22

■ 8D5C80

■ 035C1B

■ 975C87

■ 005C19

■ A05C8E

# Harmonies

## Analogous

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



555A4B



4D5C51



475D59

# Triad

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



4D5C51



515967



685451

# Complementary

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



4D5C51



5C4D58

# 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.



685358



4D5C51



5A5665

# Square

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



4D5C51



485B65



635460



65544B

# Rectangle

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



4D5C51



455D5E



635460



685353



# Sweetspot

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



4D5C51



727873



585C4D



3A3D3B



BDBDBD



3D3D3D



# Same Dimension

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



4D5C51



607866



4D5C59



292E2B



006E1D



00ED3F



# Inverse Universe

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



5C4D58



786071



5C4D51



2E292D



6E0050

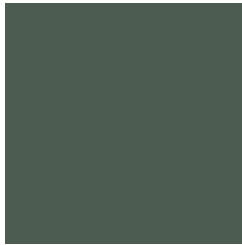


ED00AE



# Previews

## White Background



This preview shows how the Hex color 4D5C51 looks on a white background.

## Color Contrast Check

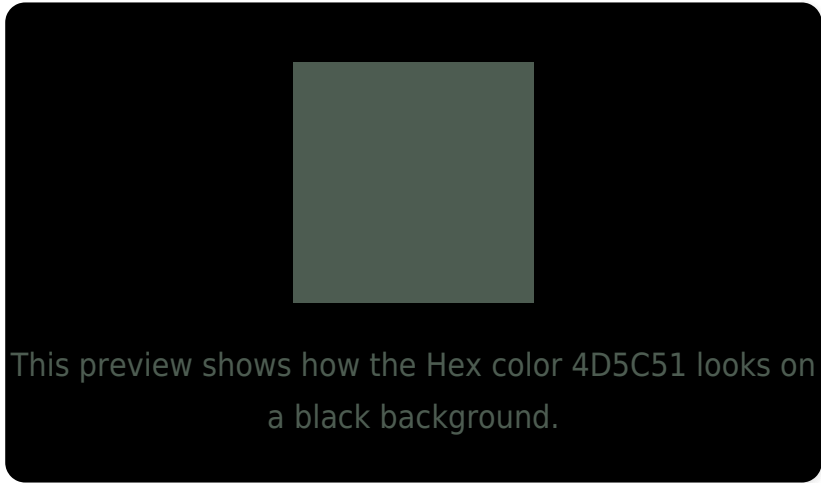
Large Text (above 18pt) WCAG AA ✓ Pass

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

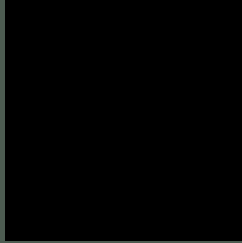
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D5C51 Background



This preview shows how black text looks on a background with the Hex color 4D5C51.



This preview shows how white text looks on a background with the Hex color 4D5C51.

# 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**  
4D5C51

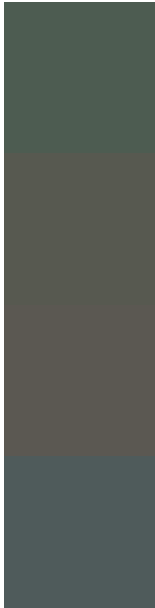
**Protanopia**  
5C584F

**Deuteranopia**  
635552



**Tritanopia**  
505A61

# Trichromacy



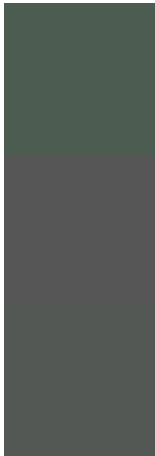
**Original Color**  
4D5C51

**Protanomaly**  
575950

**Deuteranomaly**  
5B5852

**Tritanomaly**  
4F5B5B

# Monochromacy



**Original Color**  
4D5C51

**Achromatopsia**  
565656

**Achromatomaly**  
535854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D5C51 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 #4D5C51 looks like.

```
.text, #text, p{  
    color:#4D5C51  
}
```

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 #4D5C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5C51  
}
```

## Border

The CSS property to change the border of an element to Hex 4D5C51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

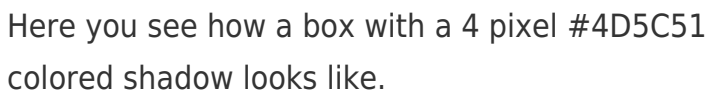
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D5C51 }
```

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

```
.border{ border-color:#4D5C51 }
```

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



Here you see how a box with a 4 pixel #4D5C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5C51; -webkit-box-shadow:4px 4px  
4px 4px #4D5C51; box-shadow:4px 4px 4px  
4px #4D5C51 }
```

# Background

The CSS property to change the background color of an element to Hex 4D5C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5C51 }
```

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

```
.background{ background-color:#4D5C51 }
```

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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