

# Converting Colors

Hex(4D6D5B)

Have a look what the booklet for  
Hex(4D6D5B) contains.

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# Color

**Hex(4D6D5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6D5B
RGB	77, 109, 91
RGB Percent	30%, 43%, 36%
CMY	0.6980, 0.5725, 0.6431
CMYK	0.29, 0.00, 0.17, 0.57
HSL	146°, 17%, 36%
HSV	146°, 29%, 43%
XYZ	10.4175, 13.2704, 11.9099
YIQ	97.3800, -13.2940, -12.3820

# Conversions

## Conversions Part 2

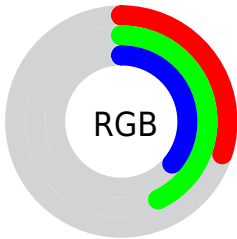
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 99, 109
Decimal	5074267
CIELab	43.17, -15.75, 6.36
CIELCh	43, 16.988, 157.997
Yxy	13.2704, 0.2926, 0.3728
Android (android.graphics.Color)	4283264347 (0xFF4D6D5B)
YUV	97.3800, -3.1453, -17.8733
Hunter-Lab	36.4285, -12.7040, 6.1158

# Details

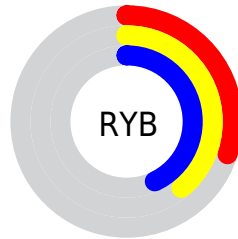
The Hex color **4D6D5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4D5F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7FA18D**, and **1F3D2D** is the 20% darker color. If you saturate the color by 10%, you get **426D55**, and if you desaturate by 10%, it is **586D61**.

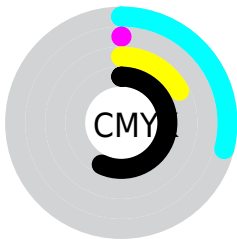
# Distribution



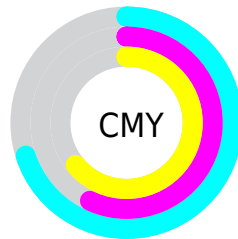
- Red (30%)
- Green (43%)
- Blue (36%)



- Red (30%)
- Yellow (39%)
- Blue (43%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6D5B 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 4D6D5B by changing the saturation by 10% instead.





4D6D5B



4D6D5B

FFFFFF



365544



7FA18D



1F3D2D



99BCA8



092719



B4D7C3



001300



D0F4DF



000000



ECFFFB



4D6D5B



4D6D5B



426D55



586D61



376D4F



636D67

■ 2C6D49

■ 6E6D6D

■ 216D42

■ 796D74

■ 176D3C

■ 846D7A

■ 0C6D36

■ 8E6D80

■ 016D30

■ 996D86

■ 006D30

■ A46D8C

■ AF6D92

# Harmonies

## Analogous

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



5D6A50



4D6D5B



406E69

# Triad

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



4D6D5B



5A6682



815E55

# Complementary

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



4D6D5B



6D4D5F

# 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.



825C63



4D6D5B



6D617C

# Square

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



4D6D5B



486A80



7B5D71



79624C

# Rectangle

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



4D6D5B



3D6E73



7B5D71



825D59



# Sweetspot

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



4D6D5B



828F88



5F6D4D



404743



C7C7C7



474747



# Same Dimension

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



4D6D5B



5D8F73



4D6D6B



303633



007533



00F56B



# Inverse Universe

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



6D4D5F



8F5D79



6D4D4F



363033



750042



F5008A



# Previews

## White Background



This preview shows how the Hex color 4D6D5B looks on a white background.

## Color Contrast Check

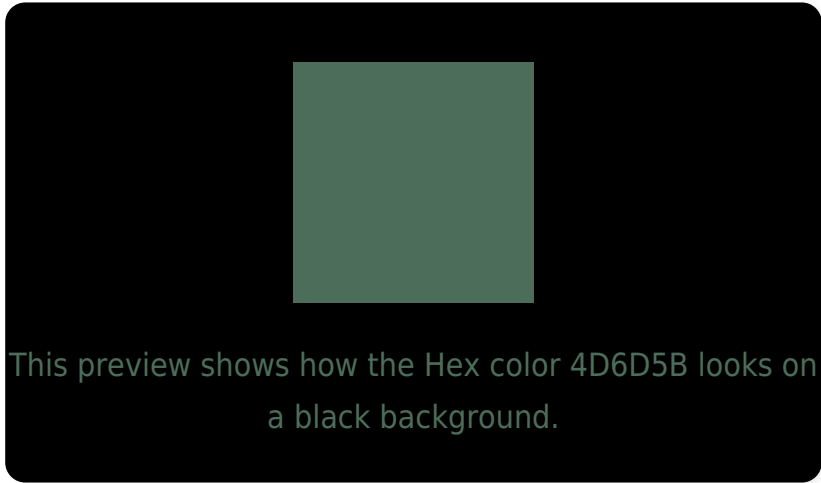
Large Text (above 18pt) WCAG AA ✓ Pass

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

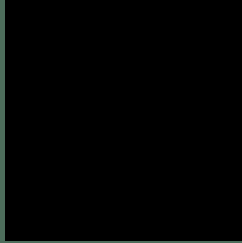
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D6D5B Background



This preview shows how black text looks on a background with the Hex color 4D6D5B.



This preview shows how white text looks on a background with the Hex color 4D6D5B.

# 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**  
4D6D5B

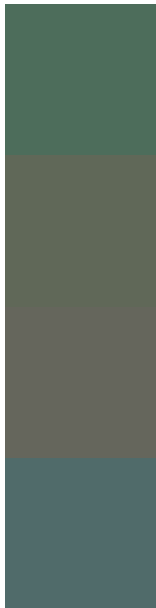
**Protanopia**  
6B6557

**Deuteranopia**  
73625D



**Tritanopia**  
526A72

# Trichromacy



**Original Color**  
4D6D5B

**Protanomaly**  
606858

**Deuteranomaly**  
65665C

**Tritanomaly**  
506B6A

# Monochromacy



**Original Color**  
4D6D5B

**Achromatopsia**  
616161

**Achromatomaly**  
5A655F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6D5B 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 #4D6D5B looks like.

```
.text, #text, p{  
    color:#4D6D5B  
}
```

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 #4D6D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6D5B
}
```

## Border

The CSS property to change the border of an element to Hex 4D6D5B 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
#4D6D5B }
```

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

```
.border{ border-color:#4D6D5B }
```

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

Here you see how a box with a 4 pixel #4D6D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6D5B; -webkit-box-shadow:4px 4px  
4px 4px #4D6D5B; box-shadow:4px 4px 4px  
4px #4D6D5B }
```

# Background

The CSS property to change the background color of an element to Hex 4D6D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6D5B }
```

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

```
.background{ background-color:#4D6D5B }
```

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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