

# Converting Colors

Hex(4D665A)

Have a look what the booklet for  
Hex(4D665A) contains.

<b>Hex(4D665A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4D665A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D665A
RGB	77, 102, 90
RGB Percent	30%, 40%, 35%
CMY	0.6980, 0.6000, 0.6471
CMYK	0.25, 0.00, 0.12, 0.60
HSL	151°, 14%, 35%
HSV	151°, 25%, 40%
XYZ	9.6574, 11.8187, 11.4451
YIQ	93.1570, -11.0480, -9.0320

# Conversions

## Conversions Part 2

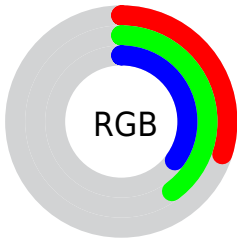
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 93, 102
Decimal	5072474
CIELab	40.93, -12.06, 3.76
CIELCh	41, 12.630, 162.675
Yxy	11.8187, 0.2933, 0.3590
Android (android.graphics.Color)	4283262554 (0xFF4D665A)
YUV	93.1570, -1.5564, -14.1697
Hunter-Lab	34.3783, -10.0187, 4.3263

# Details

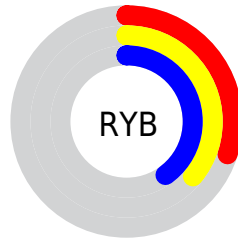
The Hex color **4D665A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664D59**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7E998C**, and **20372C** is the 20% darker color. If you saturate the color by 10%, you get **436655**, and if you desaturate by 10%, it is **57665F**.

# Distribution



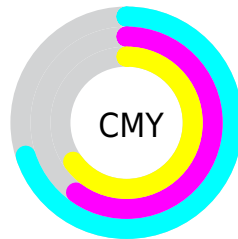
- Red (30%)
- Green (40%)
- Blue (35%)



- Red (30%)
- Yellow (36%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (70%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D665A 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 4D665A by changing the saturation by 10% instead.



 4D665A

 4D665A


FFFFFF

 364E43

 7E998C

 20372C

 99B4A6

 0B2218

 B3CFC1

 000600

 CFECDD

 000000

 EBFFFA

 4D665A

 4D665A

 436655

 57665F

 396650

 616664

 2E664B

 6C6669

 246646

 76666E

 1A6642

 806672

 10663D

 8A6677

 066638

 94667C

 006635

 9F6681

 A96686

# Harmonies

## Analogous

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



586451



4D665A



466765

# Triad

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



4D665A



5A6075



755B53

# Complementary

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



4D665A



664D59

# 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.



76595C



4D665A



685C70

# Square

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



4D665A



4D6374



725A67



6E5E4D

# Rectangle

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



4D665A



44666B



725A67



765A56



# Sweetspot

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



4D665A



7B8580



59664D



3D4240



C2C2C2



424242



# Same Dimension

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



4D665A



5E8572



4D6666



2E3331



00733C



00F27E



# Inverse Universe

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



664D59



855E71



664D4D



332E30



730037



F20074



# Previews

## White Background



This preview shows how the Hex color 4D665A looks on a white background.

## Color Contrast Check

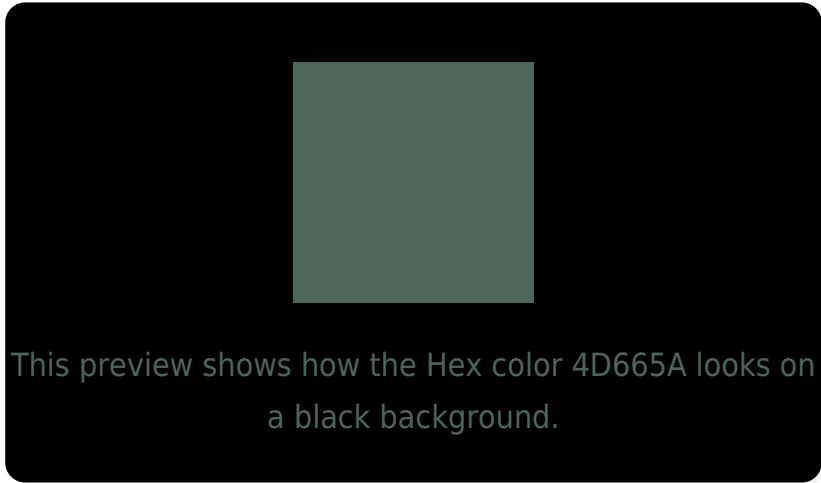
Large Text (above 18pt) WCAG AA ✓ Pass

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

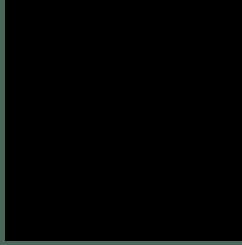
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D665A Background



This preview shows how black text looks on a background with the Hex color 4D665A.



This preview shows how white text looks on a background with the Hex color 4D665A.

# 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**  
4D665A

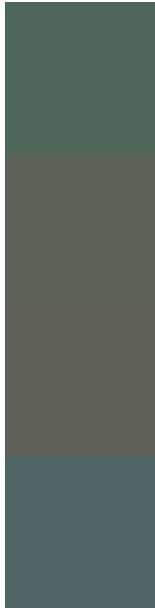
**Protanopia**  
646057

**Deuteranopia**  
6B5D5C



**Tritanopia**  
50636B

# Trichromacy



**Original Color**  
4D665A

**Protanomaly**  
5C6258

**Deuteranomaly**  
60605B

**Tritanomaly**  
4F6465

# Monochromacy



**Original Color**  
4D665A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
57605C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D665A 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 #4D665A looks like.

```
.text, #text, p{  
    color:#4D665A  
}
```

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 #4D665A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D665A
}
```

## Border

The CSS property to change the border of an element to Hex 4D665A 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
#4D665A }
```

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

```
.border{ border-color:#4D665A }
```

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

Here you see how a box with a 4 pixel #4D665A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D665A; -webkit-box-shadow:4px 4px  
4px 4px #4D665A; box-shadow:4px 4px 4px  
4px #4D665A }
```

# Background

The CSS property to change the background color of an element to Hex 4D665A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D665A }
```

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

```
.background{ background-color:#4D665A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor