

# Converting Colors

Hex(49665A)

Have a look what the booklet for  
Hex(49665A) contains.

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# Color

**Hex(49665A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49665A
RGB	73, 102, 90
RGB Percent	29%, 40%, 35%
CMY	0.7137, 0.6000, 0.6471
CMYK	0.28, 0.00, 0.12, 0.60
HSL	155°, 17%, 34%
HSV	155°, 28%, 40%
XYZ	9.3445, 11.6574, 11.4305
YIQ	91.9610, -13.4320, -9.8800

# Conversions

## Conversions Part 2

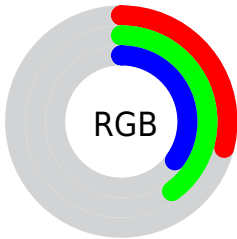
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 91, 102
Decimal	4810330
CIE <sub>Lab</sub>	40.67, -13.48, 3.35
CIE <sub>LCh</sub>	41, 13.894, 166.035
Yxy	11.6574, 0.2881, 0.3594
Android (android.graphics.Color)	4283000410 (0xFF49665A)
YUV	91.9610, -0.9668, -16.6288
Hunter-Lab	34.1429, -10.8969, 4.0508

# Details

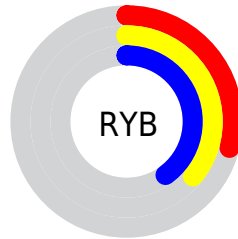
The Hex color **49665A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664955**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7A998C**, and **1C372C** is the 20% darker color. If you saturate the color by 10%, you get **3F6656**, and if you desaturate by 10%, it is **53665E**.

# Distribution



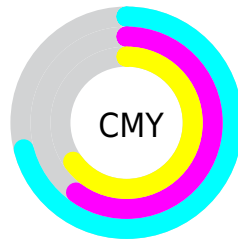
- Red (29%)
- Green (40%)
- Blue (35%)



- Red (29%)
- Yellow (36%)
- Blue (40%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (71%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49665A 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 49665A by changing the saturation by 10% instead.





49665A



49665A

FFFFFF



324E43



7A998C



1C372C



94B4A6



062118



AFCFC1



000500



CBECDD



000000



E7FFFA



49665A



49665A



3F6656



53665E



356652



5D6662

 2A664D

 686667

 206649

 72666B

 166645

 7C666F

 0C6641

 866673

 02663C

 906678

 00663C

 9B667C

 A56680

# Harmonies

## Analogous

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



556450



49665A



416666

# Triad

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



49665A



5B5F76



755A50

# Complementary

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



49665A



664955

# 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.



77585A



49665A



695B70

# Square

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



49665A



4C6276



735866



6D5D4A

# Rectangle

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



49665A



40666D



735866



775953



# Sweetspot

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



49665A



798580



556649



3B423F



C2C2C2



424242



# Same Dimension

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



49665A



588572



496466



2E3331



007343



00F28E



# Inverse Universe

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



664955



85586A



664B49



332E30



73002F



F20064



# Previews

## White Background



This preview shows how the Hex color 49665A looks on a white background.

## Color Contrast Check

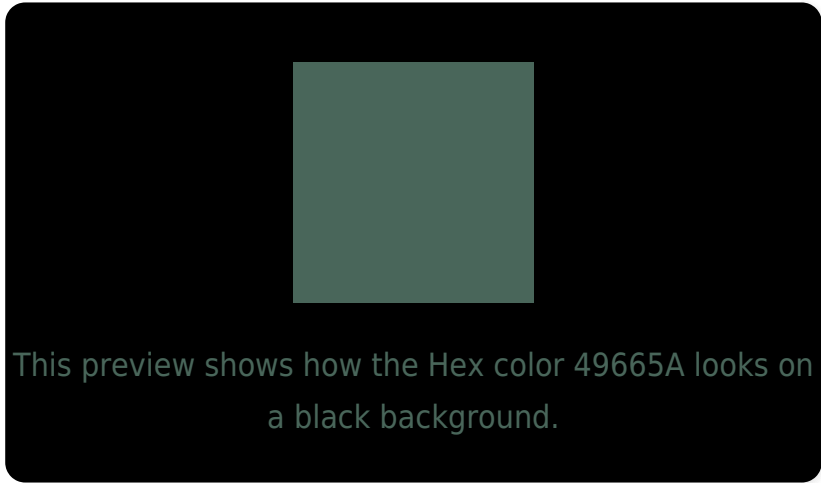
Large Text (above 18pt) WCAG AA ✓ Pass

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

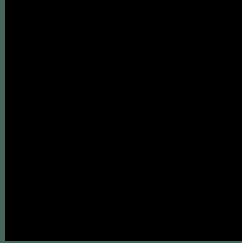
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49665A Background



This preview shows how black text looks on a background with the Hex color 49665A.



This preview shows how white text looks on a background with the Hex color 49665A.

# 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**  
49665A

**Protanopia**  
635F56

**Deuteranopia**  
6A5C5C



**Tritanopia**  
4D636B

# Trichromacy



**Original Color**

49665A

**Protanomaly**

5A6257

**Deuteranomaly**

5E605B

**Tritanomaly**

4C6465

# Monochromacy



**Original Color**

49665A

**Achromatopsia**

5C5C5C

**Achromatomaly**

55605B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49665A 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 #49665A looks like.

```
.text, #text, p{  
    color:#49665A  
}
```

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 #49665A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49665A
}
```

## Border

The CSS property to change the border of an element to Hex 49665A 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
#49665A }
```

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

```
.border{ border-color:#49665A }
```

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

Here you see how a box with a 4 pixel #49665A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49665A; -webkit-box-shadow:4px 4px  
4px 4px #49665A; box-shadow:4px 4px 4px  
4px #49665A }
```

# Background

The CSS property to change the background color of an element to Hex 49665A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49665A }
```

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

```
.background{ background-color:#49665A }
```

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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