

# Converting Colors

Hex(68564A)

Have a look what the booklet for  
Hex(68564A) contains.

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# Color

Hex(68564A)

# Conversions

## Conversions Part 1

Format	Color
Hex	68564A
RGB	104, 86, 74
RGB Percent	41%, 34%, 29%
CMY	0.5922, 0.6627, 0.7098
CMYK	0.00, 0.17, 0.29, 0.59
HSL	24°, 17%, 35%
HSV	24°, 29%, 41%
XYZ	10.2727, 10.0930, 7.8853
YIQ	90.0140, 14.5800, 0.0840

# Conversions

## Conversions Part 2

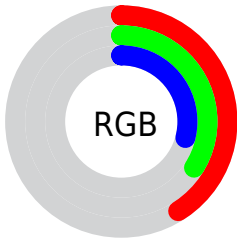
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 94, 74
Decimal	6837834
CIELab	38.01, 5.37, 9.75
CIELCh	38, 11.136, 61.155
Yxy	10.0930, 0.3636, 0.3573
Android (android.graphics.Color)	4285027914 (0xFF68564A)
YUV	90.0140, -7.8949, 12.2657
Hunter-Lab	31.7696, 2.1216, 7.5228

# Details

The Hex color **68564A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A5C68**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9C887B**, and **38291E** is the 20% darker color. If you saturate the color by 10%, you get **685040**, and if you desaturate by 10%, it is **685C54**.

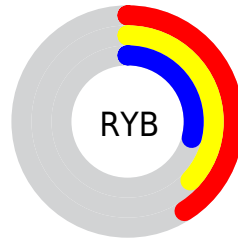
# Distribution



 Red (41%)

 Green (34%)

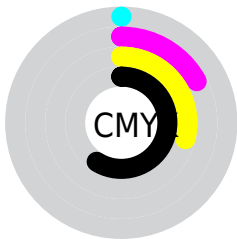
 Blue (29%)



 Red (41%)

 Yellow (37%)

 Blue (29%)

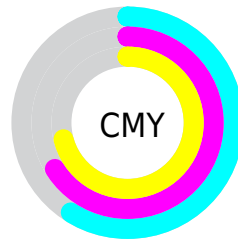



 Cyan (0%)

 Magenta (17%)

 Yellow (29%)

 Black (59%)



 Cyan (59%)

 Magenta (66%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68564A 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 68564A by changing the saturation by 10% instead.





68564A



68564A

FFFFFF



503F33



9C887B



38291E



B7A294



231506



D2BDAF



000000



EFD9CB



FFF5E7



68564A



68564A



685040



685C54



684A35



68625F

68432B

686969

683D20

686F74

683716

68757E

68310C

687B88

682A01

688293

682A00

68889D

688EA8

# Harmonies

## Analogous

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



6C5451



68564A



605948

# Triad

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



68564A



445F59



5C5769

# Complementary

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



68564A



4A5C68

# 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.



505A6B



68564A



415E62

# Square

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



68564A



4C5E51



465D69



665462

# Rectangle

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



68564A



5A5B49



465D69



58586A



# Sweetspot

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



68564A



87807B



684A5C



45403D



C4C4C4



454545



# Same Dimension

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



68564A



876B58



68654A



33302E



732E00



F26100



# Inverse Universe

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



4A5C68



587487



4A4D68



2E3133



004573



0091F2



# Previews

## White Background



This preview shows how the Hex color 68564A looks on a white background.

## Color Contrast Check

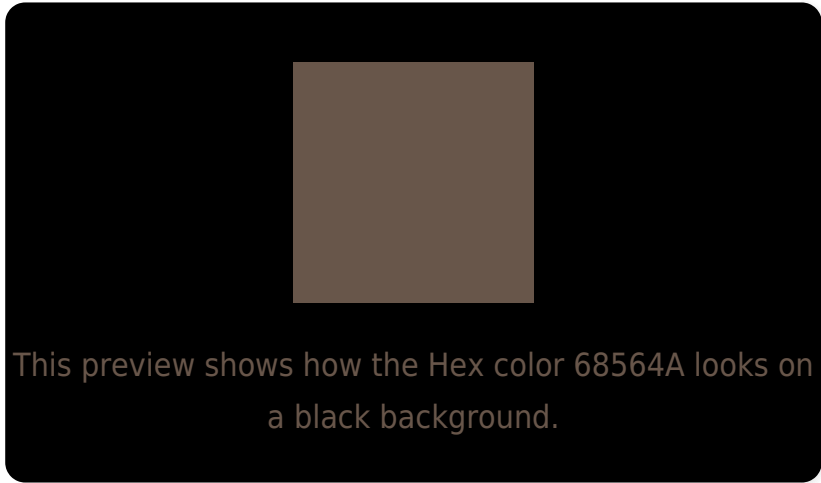
Large Text (above 18pt) WCAG AA ✓ Pass

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

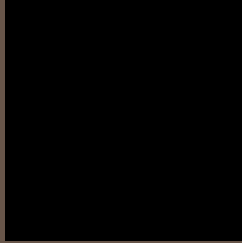
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 68564A Background



This preview shows how black text looks on a background with the Hex color 68564A.



This preview shows how white text looks on a background with the Hex color 68564A.

# 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**  
68564A

**Protanopia**  
5E594C

**Deuteranopia**  
68564A



**Tritanopia**  
6A545A

# Trichromacy



**Original Color**  
68564A

**Protanomaly**  
62584B

**Deuteranomaly**  
68564A

**Tritanomaly**  
695554

# Monochromacy



**Original Color**  
68564A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5F5954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68564A 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 #68564A looks like.

```
.text, #text, p{  
    color:#68564A  
}
```

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 #68564A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68564A
}
```

## Border

The CSS property to change the border of an element to Hex 68564A 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".

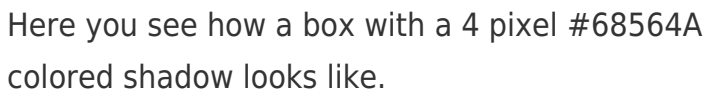
```
.border, #border, table{ border:4px solid
#68564A }
```

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

```
.border{ border-color:#68564A }
```

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

Here you see how a box with a 4 pixel #68564A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68564A; -webkit-box-shadow:4px 4px  
4px 4px #68564A; box-shadow:4px 4px 4px  
4px #68564A }
```

# Background

The CSS property to change the background color of an element to Hex 68564A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68564A }
```

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

```
.background{ background-color:#68564A }
```

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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