

Converting Colors

Hex(67564A)

Have a look what the booklet for
Hex(67564A) contains.

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Color

Hex(67564A)

Conversions

Conversions Part 1

Format	Color
Hex	67564A
RGB	103, 86, 74
RGB Percent	40%, 34%, 29%
CMY	0.5961, 0.6627, 0.7098
CMYK	0.00, 0.17, 0.28, 0.60
HSL	25°, 16%, 35%
HSV	25°, 28%, 40%
XYZ	10.1573, 10.0336, 7.8799
YIQ	89.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

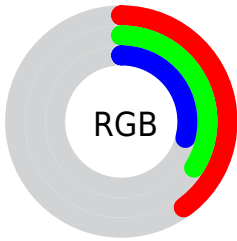
Format	Color
RYB	103, 94, 74
Decimal	6772298
CIELab	37.90, 4.94, 9.59
CIELCh	38, 10.785, 62.767
Yxy	10.0336, 0.3618, 0.3574
Android (android.graphics.Color)	4284962378 (0xFF67564A)
YUV	89.7150, -7.7475, 11.6509
Hunter-Lab	31.6758, 1.8062, 7.4237

Details

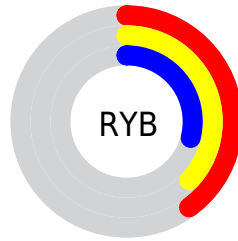
The Hex color **67564A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A5B67**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9B887B**, and **37291E** is the 20% darker color. If you saturate the color by 10%, you get **675040**, and if you desaturate by 10%, it is **675C54**.

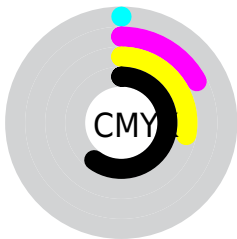
Distribution



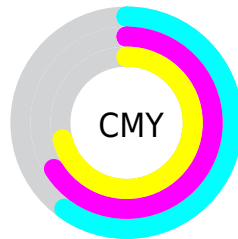
- Red (40%)
- Green (34%)
- Blue (29%)



- Red (40%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67564A 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 67564A by changing the saturation by 10% instead.



67564A



67564A

FFFFFF



4F3F33



9B887B



37291E



B6A294



221506



D1BDAF



000000



EED9CB



FFF5E7



67564A



67564A



675040



675C54



674A35



67625F

■ 67442B

■ 676869

■ 673E21

■ 676E73

■ 673817

■ 67747E

■ 67320C

■ 677A88

■ 672C02

■ 678092

■ 672B00

■ 67869C

■ 678CA7

Harmonies

Analogous

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



6B5450



67564A



5F5948

Triad

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



67564A



445E5A



5C5768

Complementary

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



67564A



4A5B67

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.



505A6A



67564A



425E62

Square

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



67564A



4C5D51



475C68



655461

Rectangle

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



67564A



595B49



475C68



585869

Sweetspot

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



67564A



87817C



674A5B



45413E



C4C4C4



454545

Same Dimension

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



67564A



876C59



67644A



33302E



732F00



F26400

Inverse Universe

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



4A5B67



597487



4A4D67



2E3133



004373



008EF2

Previews

White Background



This preview shows how the Hex color 67564A looks on a white background.

Color Contrast Check

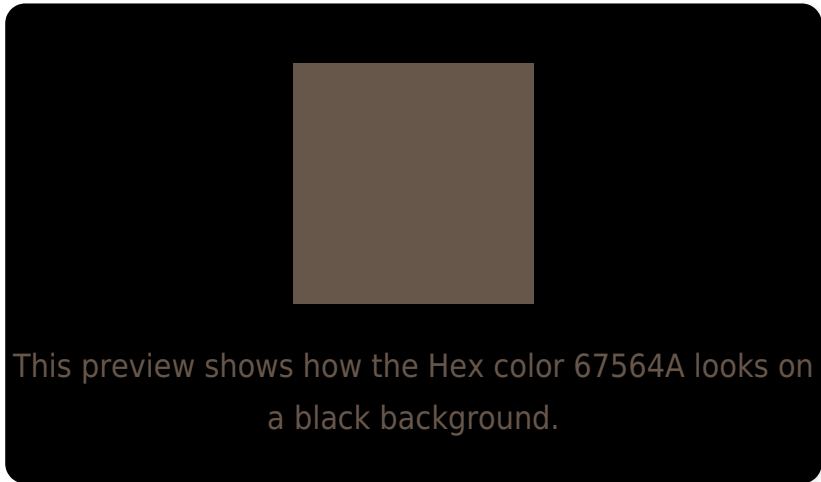
Large Text (above 18pt) WCAG AA ✓ Pass

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 67564A Background



This preview shows how black text looks on a background with the Hex color 67564A.



This preview shows how white text looks on a background with the Hex color 67564A.

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
67564A

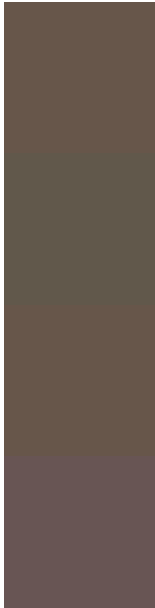
Protanopia
5E594C

Deuteranopia
67564A



Tritanopia
69545A

Trichromacy



Original Color

67564A

Protanomaly

61584B

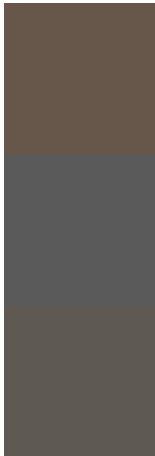
Deuteranomaly

67564A

Tritanomaly

685554

Monochromacy



Original Color

67564A

Achromatopsia

5A5A5A

Achromatomaly

5F5954

CSS Examples

Text

The CSS property to change the color of the text to Hex 67564A 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 #67564A looks like.

```
.text, #text, p{  
    color:#67564A  
}
```

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 #67564A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67564A
}
```

Border

The CSS property to change the border of an element to Hex 67564A is called "border". The border property can be set on classes, ids or directly on the HTML element.

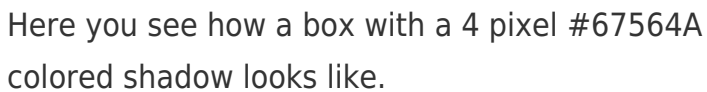
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67564A }
```

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

```
.border{ border-color:#67564A }
```

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



Here you see how a box with a 4 pixel #67564A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67564A; -webkit-box-shadow:4px 4px  
4px 4px #67564A; box-shadow:4px 4px 4px  
4px #67564A }
```

Background

The CSS property to change the background color of an element to Hex 67564A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67564A }
```

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

```
.background{ background-color:#67564A }
```

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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