

# Converting Colors

Hex(63544A)

Have a look what the booklet for  
Hex(63544A) contains.

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**Color**

**Hex(63544A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63544A
RGB	99, 84, 74
RGB Percent	39%, 33%, 29%
CMY	0.6118, 0.6706, 0.7098
CMYK	0.00, 0.15, 0.25, 0.61
HSL	24°, 14%, 34%
HSV	24°, 25%, 39%
XYZ	9.5519, 9.4877, 7.8064
YIQ	87.3450, 12.1500, 0.0700

# Conversions

## Conversions Part 2

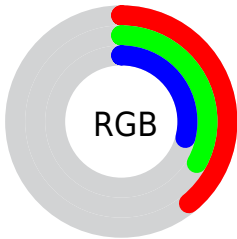
Format	Color
<b>RYB</b>	99, 91, 74
Decimal	6509642
CIELab	36.91, 4.42, 8.13
CIElCh	37, 9.255, 61.495
Yxy	9.4877, 0.3558, 0.3534
Android (android.graphics.Color)	4284699722 (0xFF63544A)
YUV	87.3450, -6.5791, 10.2214
Hunter-Lab	30.8021, 1.4503, 6.5351




# Details

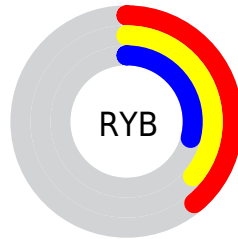
The Hex color **63544A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A5963**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **96867B**, and **34271E** is the 20% darker color. If you saturate the color by 10%, you get **634E40**, and if you desaturate by 10%, it is **635A54**.

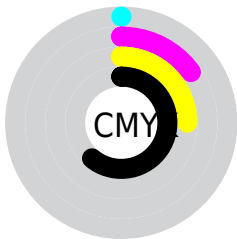
# Distribution







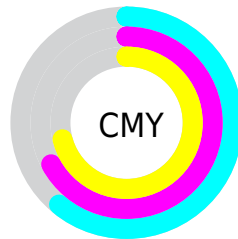
-  Red (39%)
-  Green (33%)
-  Blue (29%)






-  Red (39%)
-  Yellow (36%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (25%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (67%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63544A 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 63544A by changing the saturation by 10% instead.





63544A



63544A

FFFFFF



4B3D33



96867B



34271E



B1A094



1F1306



CCBBAF



000000



E9D6CA



FFF3E7



63544A



63544A



634E40



635A54



634836



63605E

■ 63422C

■ 636668

■ 633C22

■ 636C72

■ 633619

■ 63727C

■ 63300F

■ 637885

■ 632A05

■ 637E8F

■ 632800

■ 638499

■ 6389A3

# Harmonies

## Analogous

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



66524F



63544A



5C5648

# Triad

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



63544A



455B57



595563

# Complementary

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



63544A



4A5963

# 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.



4F5766



63544A



435B5E

# Square

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



63544A



4C5A50



475A64



61535E

# Rectangle

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



63544A



575849



475A64



565665



# Sweetspot

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



63544A



807975



634A59



403C39



BFBFBF



404040



# Same Dimension

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



63544A



806959



63604A



302E2C



702D00



F06000



# Inverse Universe

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



4A5963



597080



4A4D63



2C2F30



004370



0090F0



# Previews

## White Background



This preview shows how the Hex color 63544A looks on a white background.

## Color Contrast Check

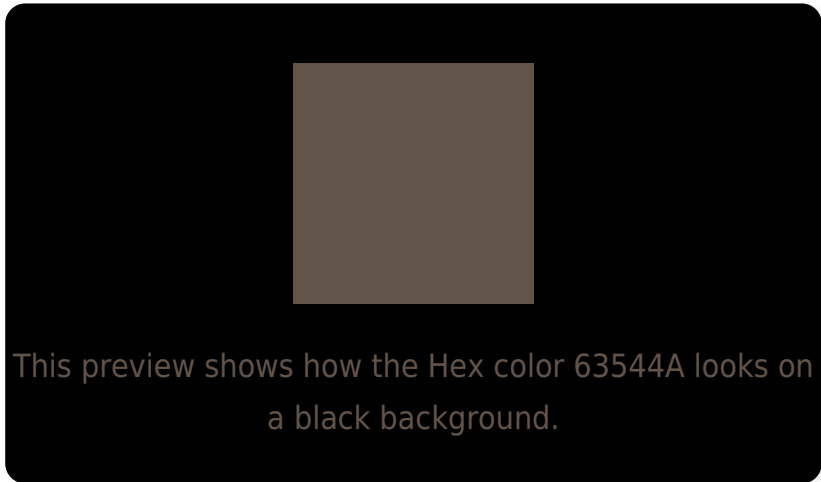
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

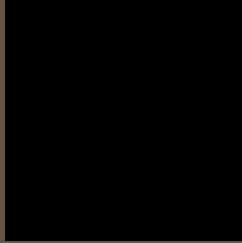
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63544A Background



This preview shows how black text looks on a background with the Hex color 63544A.



This preview shows how white text looks on a background with the Hex color 63544A.

# 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**  
63544A

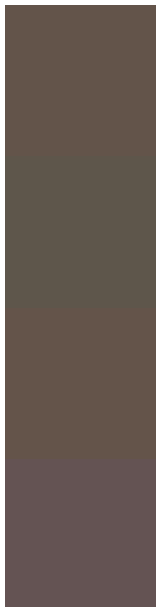
**Protanopia**  
5B574B

**Deuteranopia**  
64544A



**Tritanopia**  
655258

# Trichromacy



**Original Color**

63544A

**Protanomaly**

5E564B

**Deuteranomaly**

64544A

**Tritanomaly**

645353

# Monochromacy



**Original Color**

63544A

**Achromatopsia**

575757

**Achromatomaly**

5B5652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63544A 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 #63544A looks like.

```
.text, #text, p{  
    color:#63544A  
}
```

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 #63544A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63544A
}
```

## Border

The CSS property to change the border of an element to Hex 63544A is called "border". The border property can be set on classes, ids or directly on the HTML element.

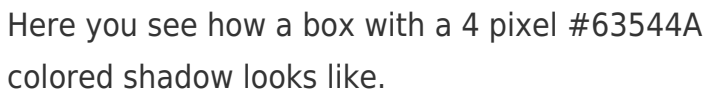
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63544A }
```

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

```
.border{ border-color:#63544A }
```

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



Here you see how a box with a 4 pixel #63544A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63544A; -webkit-box-shadow:4px 4px  
4px 4px #63544A; box-shadow:4px 4px 4px  
4px #63544A }
```

# Background

The CSS property to change the background color of an element to Hex 63544A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63544A }
```

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

```
.background{ background-color:#63544A }
```

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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