

# Converting Colors

Hex(564443)

Have a look what the booklet for  
Hex(564443) contains.

<b>Hex(564443)</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(564443)

# Conversions

## Conversions Part 1

Format	Color
Hex	564443
RGB	86, 68, 67
RGB Percent	34%, 27%, 26%
CMY	0.6627, 0.7333, 0.7373
CMYK	0.00, 0.21, 0.22, 0.66
HSL	3°, 12%, 30%
HSV	3°, 22%, 34%
XYZ	6.9180, 6.5179, 6.2037
YIQ	73.2680, 11.0490, 3.5050

# Conversions

## Conversions Part 2

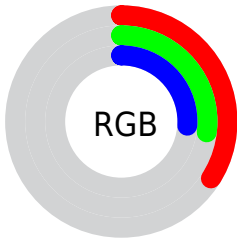
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 68, 67
Decimal	5653571
CIE <sub>Lab</sub>	30.68, 7.54, 3.53
CIE <sub>LCh</sub>	31, 8.326, 25.082
Yxy	6.5179, 0.3522, 0.3319
Android (android.graphics.Color)	4283843651 (0xFF564443)
YUV	73.2680, -3.0901, 11.1660
Hunter-Lab	25.5302, 3.6907, 3.4641

# Details

The Hex color **564443** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **435556**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **887473**, and **281918** is the 20% darker color. If you saturate the color by 10%, you get **563C3A**, and if you desaturate by 10%, it is **564C4C**.

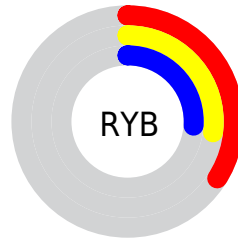
# Distribution



Red (34%)

Green (27%)

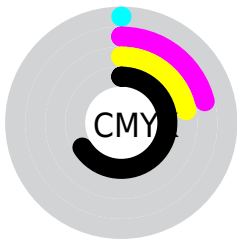
Blue (26%)



Red (34%)

Yellow (27%)

Blue (26%)

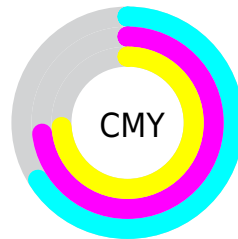


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (66%)



Cyan (66%)

Magenta (73%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564443 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 564443 by changing the saturation by 10% instead.



■ 564443

■ 564443

FFFFFF

■ 3F2E2D

■ 887473

■ 281918

■ A28E8C

■ 140000

■ BEA8A7

■ 000000

■ D9C3C2

■ F6DFDE

■ FFFCFA

■ 564443

■ 564443

■ 563C3A

■ 564C4C

 563432

 565454

 562C29

 565C5D

 562321

 566565

 561B18

 566D6E

 56130F

 567577

 560B07

 567D7F

 560500

 568588

 568D90

# Harmonies

## Analogous

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



55444A



564443



54453E

# Triad

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



564443



404B41



404955

# Complementary

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



564443



435556

# 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.



394B53



564443



3A4C47

# Square

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



564443



47493C



374C4D



484754

# Rectangle

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



564443



51473C



374C4D



3D4A55



# Sweetspot

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



564443



706968



564355



383434



B8B8B8



383838



# Same Dimension

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



564443



705452



564D43



2B2727



6B0600



EB0C00



# Inverse Universe

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



435556



526F70



434C56



272B2B



00656B



00DEEB



# Previews

## White Background



This preview shows how the Hex color 564443 looks on a white background.

## Color Contrast Check

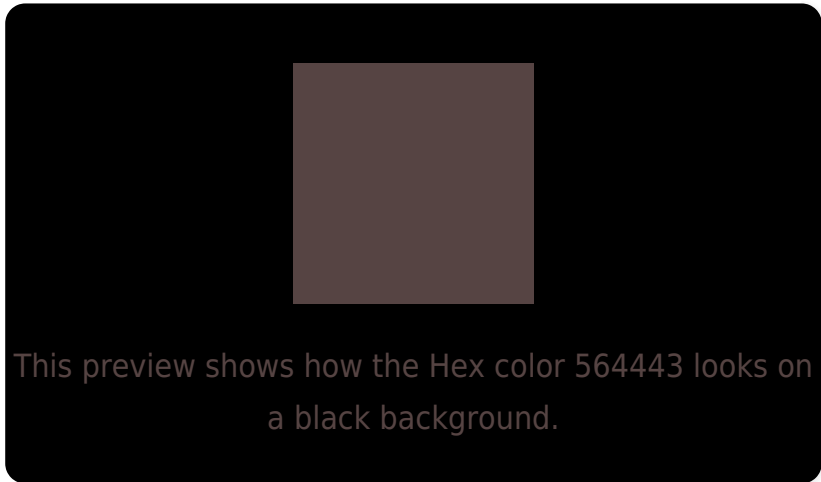
Large Text (above 18pt) WCAG AA ✓ Pass

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

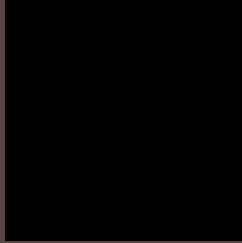
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564443 Background



This preview shows how black text looks on a background with the Hex color 564443.

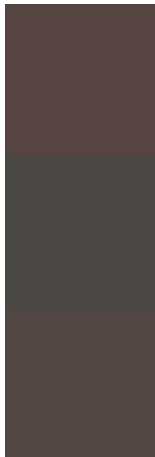


This preview shows how white text looks on a background with the Hex color 564443.

# 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](#).

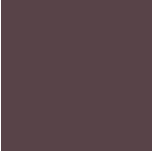
## Dichromacy



**Original Color**  
564443

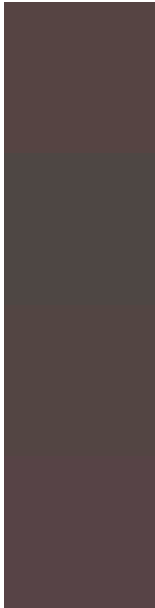
**Protanopia**  
4A4845

**Deuteranopia**  
514643



**Tritanopia**  
574348

# Trichromacy



**Original Color**

564443

**Protanomaly**

4E4744

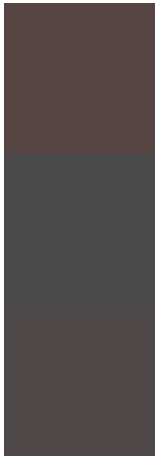
**Deuteranomaly**

534543

**Tritanomaly**

574346

# Monochromacy



**Original Color**

564443

**Achromatopsia**

494949

**Achromatomaly**

4E4747

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564443 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 #564443 looks like.

```
.text, #text, p{  
    color:#564443  
}
```

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 #564443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564443
}
```

## Border

The CSS property to change the border of an element to Hex 564443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

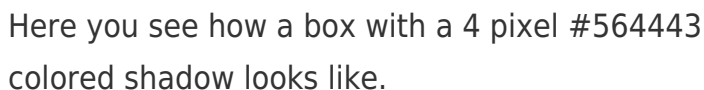
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564443 }
```

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

```
.border{ border-color:#564443 }
```

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



Here you see how a box with a 4 pixel #564443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564443; -webkit-box-shadow:4px 4px  
4px 4px #564443; box-shadow:4px 4px 4px  
4px #564443 }
```

# Background

The CSS property to change the background color of an element to Hex 564443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564443 }
```

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

```
.background{ background-color:#564443 }
```

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