

Converting Colors

Hex(504A4A)

Have a look what the booklet for
Hex(504A4A) contains.

Hex(504A4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(504A4A)

Conversions

Conversions Part 1

Format	Color
Hex	504A4A
RGB	80, 74, 74
RGB Percent	31%, 29%, 29%
CMY	0.6863, 0.7098, 0.7098
CMYK	0.00, 0.07, 0.07, 0.69
HSL	0°, 4%, 30%
HSV	0°, 7%, 31%
XYZ	6.9931, 7.0974, 7.4799
YIQ	75.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	80, 74, 74
Decimal	5261898
CIE Lab	32.03, 2.50, 0.90
CIE LCh	32, 2.654, 19.719
Yxy	7.0974, 0.3242, 0.3290
Android (android.graphics.Color)	4283451978 (0xFF504A4A)
YUV	75.7940, -0.8844, 3.6887
Hunter-Lab	26.6410, 0.2331, 2.0020

Details

The Hex color **504A4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A5050**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **817B7B**, and **241E1E** is the 20% darker color. If you saturate the color by 10%, you get **504242**, and if you desaturate by 10%, it is **505252**.

Distribution



 Red (31%)

 Green (29%)

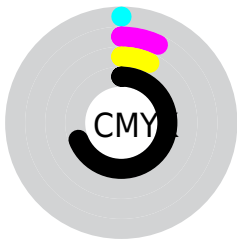
 Blue (29%)



 Red (31%)

 Yellow (29%)

 Blue (29%)



 Cyan (0%)

 Magenta (7%)

 Yellow (7%)

 Black (69%)



 Cyan (69%)

 Magenta (71%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504A4A 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 504A4A by changing the saturation by 10% instead.

■ 504A4A

■ 504A4A

FFFFFF

■ 393333

■ 817B7B

■ 241E1E

■ 9B9494

■ 0E0505

■ B6AFAF

■ 000000

■ D2CACA

■ EEE6E6

■ 504A4A

■ 504A4A

■ 504242

■ 505252

■ 503A3A

■ 505A5A

■ 503232

■ 506262

■ 502A2A

■ 506A6A

■ 502222

■ 507272

■ 501A1A

■ 507A7A

■ 501212

■ 508282

■ 500A0A

■ 508A8A

■ 500202

■ 509292

Harmonies

Analogous

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



4F4A4C



504A4A



504A48

Triad

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



504A4A



494C49



494C4F

Complementary

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



504A4A



4A5050

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.



474C4E



504A4A



474D4B

Square

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



504A4A



4C4C47



464D4D



4B4B4F

Rectangle

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



504A4A



4F4B47



464D4D



484C4F

Sweetspot

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



504A4A



696666



504A50



363434



B5B5B5



363636

Same Dimension

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



504A4A



695F5F



504D4A



292525



690000



E80000

Inverse Universe

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



4A5050



5F6969



4A4D50



252929



006969



00E8E8

Previews

White Background



This preview shows how the Hex color 504A4A looks on a white background.

Color Contrast Check

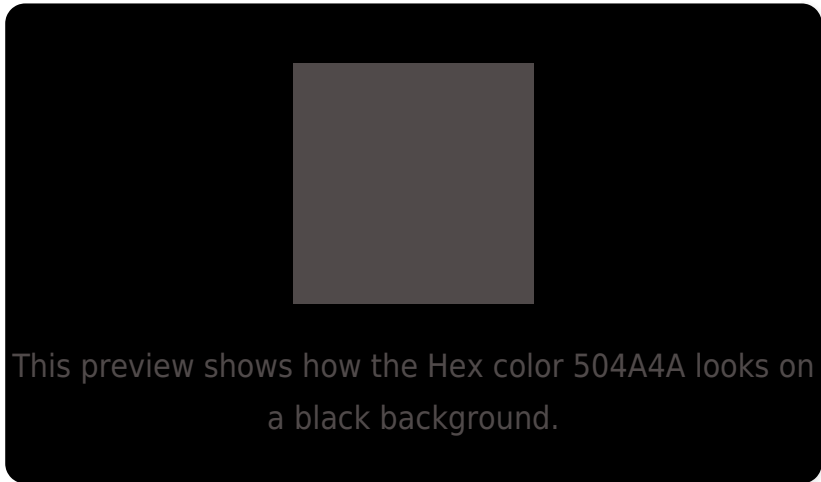
Large Text (above 18pt) WCAG AA ✓ Pass

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

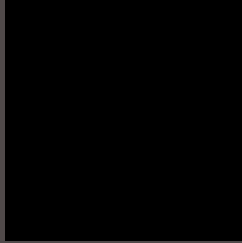
Any Text WCAG AA × Fail

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 504A4A Background



This preview shows how black text looks on a background with the Hex color 504A4A.

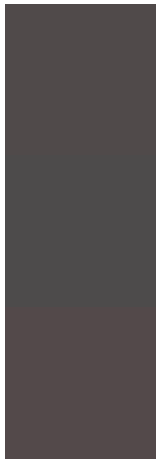


This preview shows how white text looks on a background with the Hex color 504A4A.

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
504A4A

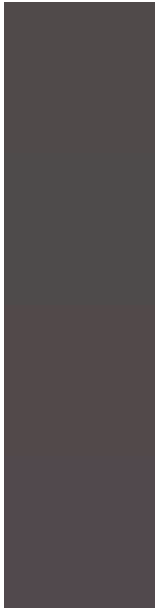
Protanopia
4D4B4B

Deuteranopia
53494A



Tritanopia
51494F

Trichromacy



Original Color

504A4A

Protanomaly

4E4B4B

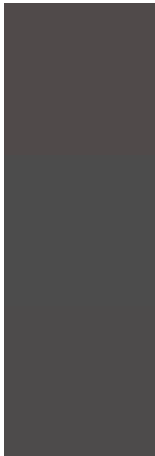
Deuteranomaly

52494A

Tritanomaly

51494D

Monochromacy



Original Color

504A4A

Achromatopsia

4C4C4C

Achromatomaly

4D4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 504A4A 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 #504A4A looks like.

```
.text, #text, p{  
  color:#504A4A  
}
```

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 #504A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504A4A
}
```

Border

The CSS property to change the border of an element to Hex 504A4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

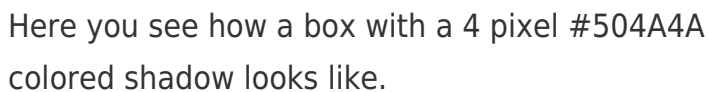
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504A4A }
```

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

```
.border{ border-color:#504A4A }
```

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



Here you see how a box with a 4 pixel #504A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504A4A; -webkit-box-shadow:4px 4px  
4px 4px #504A4A; box-shadow:4px 4px 4px  
4px #504A4A }
```

Background

The CSS property to change the background color of an element to Hex 504A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504A4A }
```

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

```
.background{ background-color:#504A4A }
```

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