

# Converting Colors

Hex(514A4A)

Have a look what the booklet for  
Hex(514A4A) contains.

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# Color

Hex(514A4A)

# Conversions

## Conversions Part 1

Format	Color
Hex	514A4A
RGB	81, 74, 74
RGB Percent	32%, 29%, 29%
CMY	0.6824, 0.7098, 0.7098
CMYK	0.00, 0.09, 0.09, 0.68
HSL	0°, 5%, 30%
HSV	0°, 9%, 32%
XYZ	7.0781, 7.1413, 7.4839
YIQ	76.0930, 4.1720, 1.4840

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 74, 74
Decimal	5327434
CIELab	32.13, 2.92, 1.05
CIELCh	32, 3.102, 19.804
Yxy	7.1413, 0.3261, 0.3290
Android (android.graphics.Color)	4283517514 (0xFF514A4A)
YUV	76.0930, -1.0318, 4.3034
Hunter-Lab	26.7232, 0.5135, 2.1019

# Details

The Hex color **514A4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A5151**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **827B7B**, and **241E1E** is the 20% darker color. If you saturate the color by 10%, you get **514242**, and if you desaturate by 10%, it is **515252**.

# Distribution



 Red (32%)

 Green (29%)

 Blue (29%)



 Red (32%)

 Yellow (29%)

 Blue (29%)



 Cyan (0%)

 Magenta (9%)

 Yellow (9%)

 Black (68%)



 Cyan (68%)

 Magenta (71%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 514A4A 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 514A4A by changing the saturation by 10% instead.





514A4A



514A4A

FFFFFF



3A3333



827B7B



241E1E



9C9494



100505



B7AFAF



000000



D3CACA



EFE7E6



514A4A



514A4A



514242



515252



513A3A



515A5A

■ 513232

■ 516262

■ 512A2A

■ 516A6A

■ 512222

■ 517373

■ 511919

■ 517B7B

■ 511111

■ 518383

■ 510909

■ 518B8B

■ 510101

■ 519393

# Harmonies

## Analogous

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



504A4C



514A4A



504A48

# Triad

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



514A4A



494D48



484C50

# Complementary

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



514A4A



4A5151

# 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.



464D4F



514A4A



474D4B

# Square

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



514A4A



4C4C47



464D4D



4B4B50

# Rectangle

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



514A4A



4F4B47



464D4D



474C50



# Sweetspot

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



514A4A



696565



514A51



363333



B5B5B5



363636



# Same Dimension

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



514A4A



695E5E



514E4A



292525



690000



E80000



# Inverse Universe

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



4A5151



5E6969



4A4E51



252929



006969



00E8E8



# Previews

## White Background



This preview shows how the Hex color 514A4A looks on a white background.

## Color Contrast Check

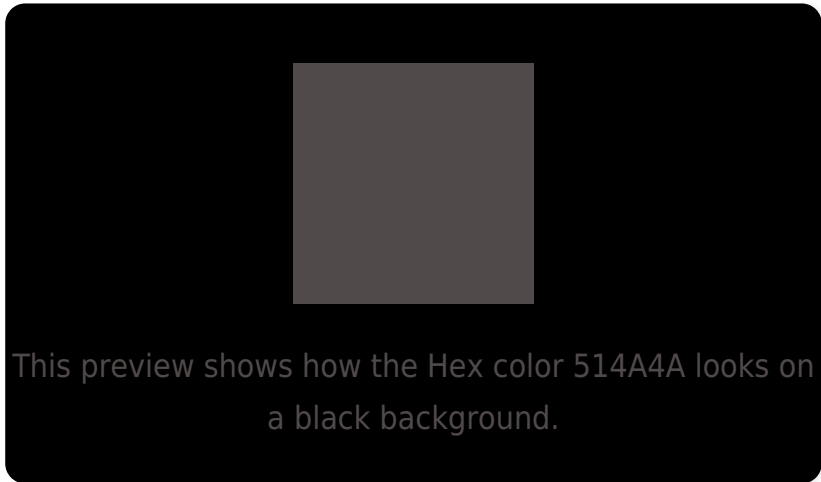
Large Text (above 18pt) WCAG AA ✓ Pass

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

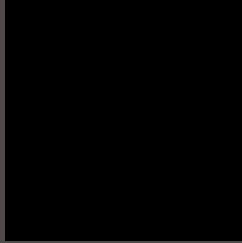
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 514A4A Background



This preview shows how black text looks on a background with the Hex color 514A4A.

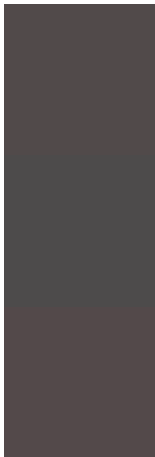


This preview shows how white text looks on a background with the Hex color 514A4A.

# 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](#).

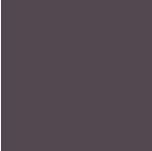
## Dichromacy



**Original Color**  
514A4A

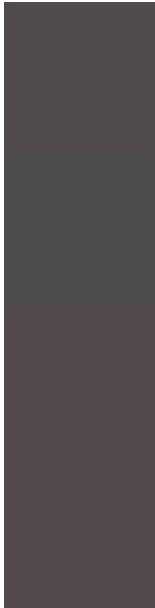
**Protanopia**  
4D4B4B

**Deuteranopia**  
53494A



**Tritanopia**  
52494F

# Trichromacy



**Original Color**

514A4A

**Protanomaly**

4E4B4B

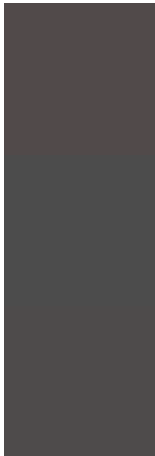
**Deuteranomaly**

52494A

**Tritanomaly**

52494D

# Monochromacy



**Original Color**

514A4A

**Achromatopsia**

4C4C4C

**Achromatomaly**

4E4B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 514A4A 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 #514A4A looks like.

```
.text, #text, p{  
  color:#514A4A  
}
```

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 #514A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514A4A
}
```

## Border

The CSS property to change the border of an element to Hex 514A4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

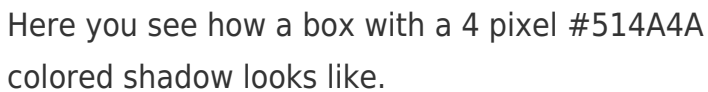
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#514A4A }
```

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

```
.border{ border-color:#514A4A }
```

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



Here you see how a box with a 4 pixel #514A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514A4A; -webkit-box-shadow:4px 4px  
4px 4px #514A4A; box-shadow:4px 4px 4px  
4px #514A4A }
```

# Background

The CSS property to change the background color of an element to Hex 514A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514A4A }
```

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

```
.background{ background-color:#514A4A }
```

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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