

# Converting Colors

Hex(47514A)

Have a look what the booklet for  
Hex(47514A) contains.

<b>Hex(47514A)</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(47514A)

# Conversions

## Conversions Part 1

Format	Color
Hex	47514A
RGB	71, 81, 74
RGB Percent	28%, 32%, 29%
CMY	0.7216, 0.6824, 0.7098
CMYK	0.12, 0.00, 0.09, 0.68
HSL	138°, 7%, 30%
HSV	138°, 12%, 32%
XYZ	6.7770, 7.7189, 7.6113
YIQ	77.2120, -3.7130, -4.2970

# Conversions

## Conversions Part 2

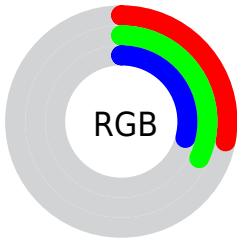
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 79, 81
Decimal	4673866
CIE Lab	33.39, -5.56, 2.77
CIE LCh	33, 6.207, 153.517
Yxy	7.7189, 0.3066, 0.3492
Android (android.graphics.Color)	4282863946 (0xFF47514A)
YUV	77.2120, -1.5835, -5.4479
Hunter-Lab	27.7828, -5.0790, 3.2052

# Details

The Hex color **47514A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51474E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **77827B**, and **1C241E** is the 20% darker color. If you saturate the color by 10%, you get **3F5144**, and if you desaturate by 10%, it is **4F5150**.

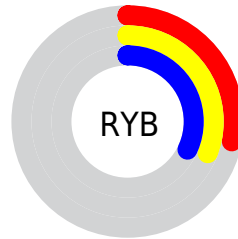
# Distribution



Red (28%)

Green (32%)

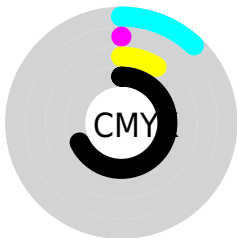
Blue (29%)



Red (28%)

Yellow (31%)

Blue (32%)

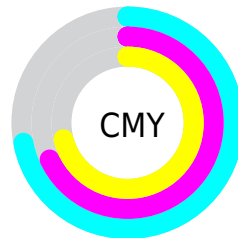


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (68%)



Cyan (72%)

Magenta (68%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47514A 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 47514A by changing the saturation by 10% instead.





47514A



47514A

FFFFFF



313A33



77827B



1C241E



919C94



011005



ACB7AF



000000



C7D3CA



E3EFE6



47514A



47514A



3F5144



4F5150



37513F



575155

■ 2F5139

■ 5F515B

■ 275133

■ 675161

■ 1F512E

■ 705166

■ 165128

■ 78516C

■ 0E5122

■ 805172

■ 06511D

■ 885177

■ 005118

■ 90517D

# Harmonies

## Analogous

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



4C5046



47514A



43514F

# Triad

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



47514A



4A4F58



594C49

# Complementary

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



47514A



51474E

# 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.



594B4E



47514A



504D57

# Square

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



47514A



455057



564C53



574D46

# Rectangle

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



47514A



425152



564C53



594B4B



# Sweetspot

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



47514A



646966



4E5147



333634



B5B5B5



363636



# Same Dimension

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



47514A



59695E



47514F



252926



00691F



00E846



# Inverse Universe

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



51474E



695964



514749



292528



690049



E800A2



# Previews

## White Background



This preview shows how the Hex color 47514A looks on a white background.

## Color Contrast Check

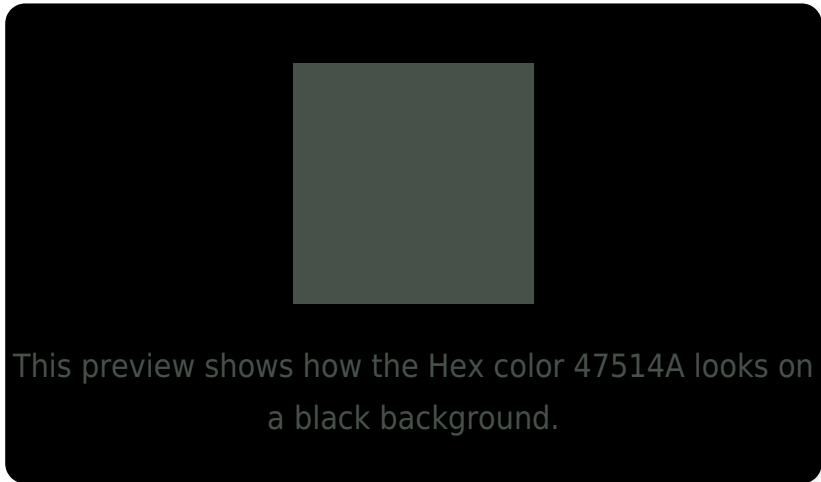
Large Text (above 18pt) WCAG AA ✓ Pass

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

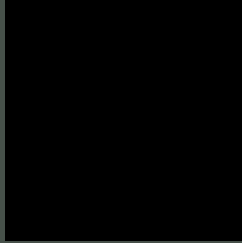
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47514A Background



This preview shows how black text looks on a background with the Hex color 47514A.



This preview shows how white text looks on a background with the Hex color 47514A.

# 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**  
47514A

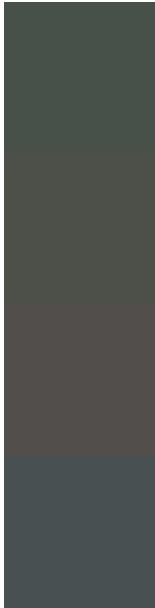
**Protanopia**  
514E48

**Deuteranopia**  
574C4B



**Tritanopia**  
494F56

# Trichromacy



**Original Color**

47514A

**Protanomaly**

4D4F49

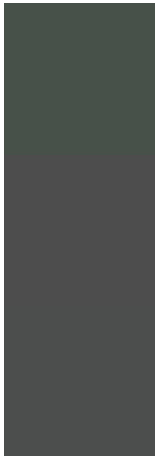
**Deuteranomaly**

514E4B

**Tritanomaly**

485052

# Monochromacy



**Original Color**

47514A

**Achromatopsia**

4D4D4D

**Achromatomaly**

4B4E4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47514A 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 #47514A looks like.

```
.text, #text, p{  
    color:#47514A  
}
```

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 #47514A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47514A
}
```

## Border

The CSS property to change the border of an element to Hex 47514A is called "border". The border property can be set on classes, ids or directly on the HTML element.

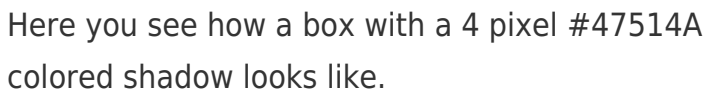
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47514A }
```

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

```
.border{ border-color:#47514A }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #47514A color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #47514A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47514A; -webkit-box-shadow:4px 4px  
4px 4px #47514A; box-shadow:4px 4px 4px  
4px #47514A }
```

# Background

The CSS property to change the background color of an element to Hex 47514A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47514A }
```

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

```
.background{ background-color:#47514A }
```

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