

# Converting Colors

Hex(54744A)

Have a look what the booklet for  
Hex(54744A) contains.

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# Color

**Hex(54744A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54744A
RGB	84, 116, 74
RGB Percent	33%, 45%, 29%
CMY	0.6706, 0.5451, 0.7098
CMYK	0.28, 0.00, 0.36, 0.55
HSL	106°, 22%, 37%
HSV	106°, 36%, 45%
XYZ	11.1376, 14.8700, 8.7618
YIQ	101.6440, -5.5900, -19.8460

# Conversions

## Conversions Part 2

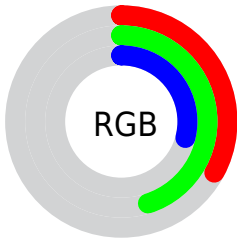
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 116, 106
Decimal	5534794
CIELab	45.46, -20.22, 19.61
CIELCh	45, 28.170, 135.876
Yxy	14.8700, 0.3203, 0.4277
Android (android.graphics.Color)	4283724874 (0xFF54744A)
YUV	101.6440, -13.6285, -15.4738
Hunter-Lab	38.5617, -15.9276, 13.5216

# Details

The Hex color **54744A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A4A74**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **87A87B**, and **25441D** is the 20% darker color. If you saturate the color by 10%, you get **4B743E**, and if you desaturate by 10%, it is **5D7456**.

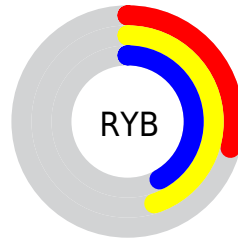
# Distribution



Red (33%)

Green (45%)

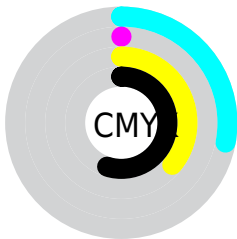
Blue (29%)



Red (29%)

Yellow (45%)

Blue (42%)

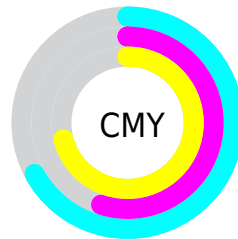


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54744A 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 54744A by changing the saturation by 10% instead.





54744A



54744A

FFFFFF



3C5B33



87A87B



25441D



A1C395



0F2D06



BCDFB0



001A00



D8FCCB



000000



F5FFE8



54744A



54744A



4B743E



5D7456



427433



667461

■ 397427

■ 6F746D

■ 31741C

■ 777478

■ 287410

■ 807484

■ 1F7404

■ 897490

■ 1C7400

■ 92749B

■ 9B74A7

■ A474B2

# Harmonies

## Analogous

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



6E6E3E



54744A



35775F

# Triad

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



54744A



347199



995960

# Complementary

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



54744A



6A4A74

# 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.



925A78



54744A



5E6A99

# Square

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



54744A



00768D



7E618D



945E4B

# Rectangle

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



54744A



1C7870



7E618D



995968



# Sweetspot

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



54744A



8A9686



746A4A



454D43



CCCCCC



4D4D4D



# Same Dimension

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



54744A



659656



4A7455



363B35



1D7A00



3CFA00



# Inverse Universe

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



6A4A74



875696



744A6A



39353B



5D007A



BE00FA



# Previews

## White Background



This preview shows how the Hex color 54744A looks on a white background.

## Color Contrast Check

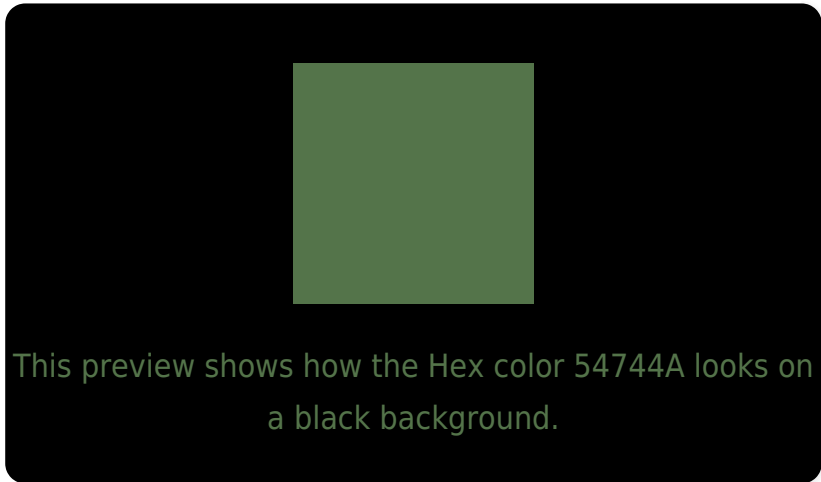
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

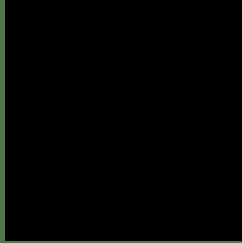
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 54744A Background



This preview shows how black text looks on a background with the Hex color 54744A.



This preview shows how white text looks on a background with the Hex color 54744A.

# 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**  
54744A

**Protanopia**  
746B46

**Deuteranopia**  
7F674D



**Tritanopia**  
5C6E77

# Trichromacy



**Original Color**  
54744A

**Protanomaly**  
686E47

**Deuteranomaly**  
6F6C4C

**Tritanomaly**  
597067

# Monochromacy



**Original Color**  
54744A

**Achromatopsia**  
666666

**Achromatomaly**  
5F6B5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54744A 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 #54744A looks like.

```
.text, #text, p{  
    color:#54744A  
}
```

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 #54744A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54744A
}
```

## Border

The CSS property to change the border of an element to Hex 54744A 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
#54744A }
```

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

```
.border{ border-color:#54744A }
```

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

Here you see how a box with a 4 pixel #54744A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54744A; -webkit-box-shadow:4px 4px  
4px 4px #54744A; box-shadow:4px 4px 4px  
4px #54744A }
```

# Background

The CSS property to change the background color of an element to Hex 54744A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54744A }
```

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

```
.background{ background-color:#54744A }
```

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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