

# Converting Colors

Hex(43724B)

Have a look what the booklet for  
Hex(43724B) contains.

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**Color**

**Hex(43724B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43724B
RGB	67, 114, 75
RGB Percent	26%, 45%, 29%
CMY	0.7373, 0.5529, 0.7059
CMYK	0.41, 0.00, 0.34, 0.55
HSL	130°, 26%, 35%
HSV	130°, 41%, 45%
XYZ	9.6021, 13.7359, 8.8018
YIQ	95.5010, -15.4930, -22.0930

# Conversions

## Conversions Part 2

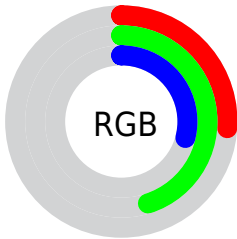
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 107, 114
Decimal	4420171
CIELab	43.85, -25.11, 16.72
CIELCh	44, 30.167, 146.351
Yxy	13.7359, 0.2988, 0.4274
Android (android.graphics.Color)	4282610251 (0xFF43724B)
YUV	95.5010, -10.1070, -24.9954
Hunter-Lab	37.0620, -18.6126, 11.8627

# Details

The Hex color **43724B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **72436A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **75A67C**, and **12411E** is the 20% darker color. If you saturate the color by 10%, you get **387242**, and if you desaturate by 10%, it is **4E7254**.

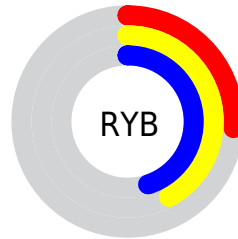
# Distribution



Red (26%)

Green (45%)

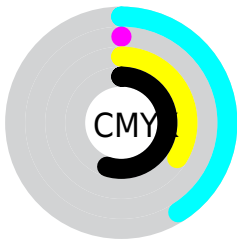
Blue (29%)



Red (26%)

Yellow (42%)

Blue (45%)

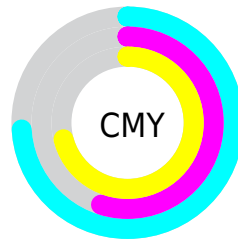


Cyan (41%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43724B 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 43724B by changing the saturation by 10% instead.





43724B



43724B

FFFFFF



2B5934



75A67C



12411E



90C296



002B08



ABDEB1



001600



C6FACC



000000



E3FFE8



43724B



43724B



387242



4E7254



2C7238



5A725E

■ 21722F

■ 657267

■ 157225

■ 717271

■ 0A721C

■ 7C727A

■ 007213

■ 877284

■ 93728D

■ 9E7297

■ AA72A0

# Harmonies

## Analogous

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



616D3A



43724B



197564

# Triad

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



43724B



3A6B99



975553

# Complementary

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



43724B



72436A

# 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.



95546C



43724B



656294

# Square

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



43724B



007191



845984



8D5C3F

# Rectangle

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



43724B



007575



845984



98545B



# Sweetspot

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



43724B



829485



6A7243



404A41



C9C9C9



4A4A4A



# Same Dimension

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



43724B



4B9458



437262



323833



007814



00F72A



# Inverse Universe

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



72436A



944B88



724353



383237



780063



F700CD



# Previews

## White Background



This preview shows how the Hex color 43724B looks on a white background.

## Color Contrast Check

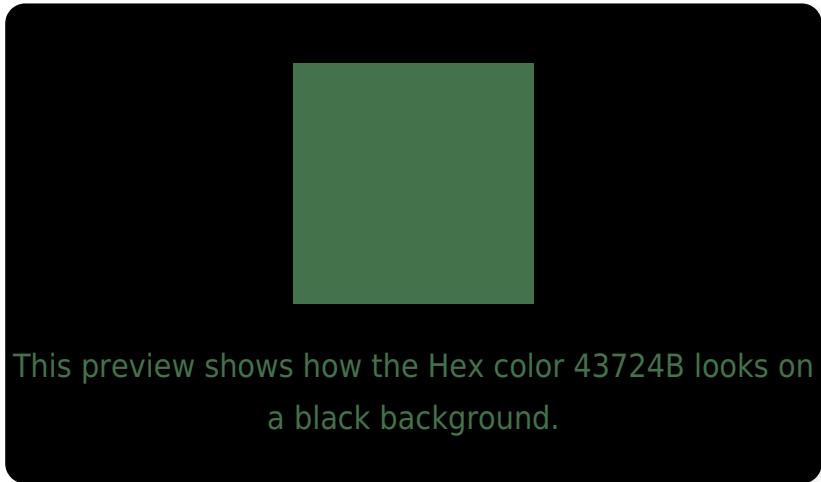
Large Text (above 18pt) WCAG AA ✓ Pass

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

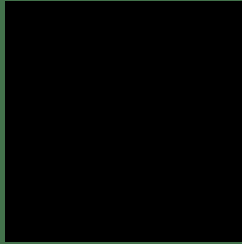
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43724B Background



This preview shows how black text looks on a background with the Hex color 43724B.



This preview shows how white text looks on a background with the Hex color 43724B.

# 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**  
43724B

**Protanopia**  
706746

**Deuteranopia**  
79634E



**Tritanopia**  
4C6D75

# Trichromacy



**Original Color**  
43724B

**Protanomaly**  
606B48

**Deuteranomaly**  
65684D

**Tritanomaly**  
496F66

# Monochromacy



**Original Color**  
43724B

**Achromatopsia**  
606060

**Achromatomaly**  
556758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43724B 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 #43724B looks like.

```
.text, #text, p{  
    color:#43724B  
}
```

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 #43724B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43724B
}
```

## Border

The CSS property to change the border of an element to Hex 43724B 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
#43724B }
```

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

```
.border{ border-color:#43724B }
```

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

Here you see how a box with a 4 pixel #43724B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43724B; -webkit-box-shadow:4px 4px  
4px 4px #43724B; box-shadow:4px 4px 4px  
4px #43724B }
```

# Background

The CSS property to change the background color of an element to Hex 43724B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43724B }
```

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

```
.background{ background-color:#43724B }
```

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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