

# Converting Colors

Hex(43694E)

Have a look what the booklet for  
Hex(43694E) contains.

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# Color

**Hex(43694E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43694E
RGB	67, 105, 78
RGB Percent	26%, 41%, 31%
CMY	0.7373, 0.5882, 0.6941
CMYK	0.36, 0.00, 0.26, 0.59
HSL	137°, 22%, 34%
HSV	137°, 36%, 41%
XYZ	8.7415, 11.8465, 9.0336
YIQ	90.5600, -13.9810, -16.4530

# Conversions

## Conversions Part 2

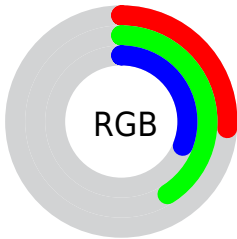
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 96, 105
Decimal	4417870
CIELab	40.97, -19.87, 11.00
CIElCh	41, 22.712, 151.041
Yxy	11.8465, 0.2951, 0.3999
Android (android.graphics.Color)	4282607950 (0xFF43694E)
YUV	90.5600, -6.1921, -20.6621
Hunter-Lab	34.4187, -14.8985, 8.5318

# Details

The Hex color **43694E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69435E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **749C7F**, and **143922** is the 20% darker color. If you saturate the color by 10%, you get **396947**, and if you desaturate by 10%, it is **4E6955**.

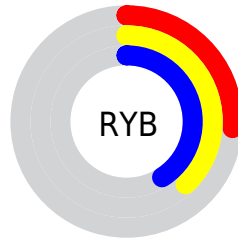
# Distribution



Red (26%)

Green (41%)

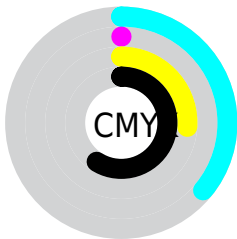
Blue (31%)



Red (26%)

Yellow (38%)

Blue (41%)

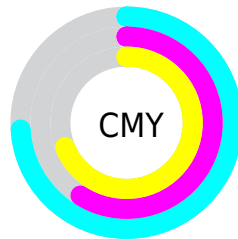


Cyan (36%)

Magenta (0%)

Yellow (26%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43694E 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 43694E by changing the saturation by 10% instead.





43694E



43694E

FFFFFF



2C5137



749C7F



143922



8EB799



00240C



A9D3B4



000700



C5F0CF



000000



E1FFEC

FEFFFF



43694E



43694E



396947



4E6955

■ 2E693F

■ 58695D

■ 246938

■ 636964

■ 196930

■ 6D696C

■ 0F6929

■ 776973

■ 046921

■ 82697B

■ 00691E

■ 8D6982

■ 97698A

■ A26991

# Harmonies

## Analogous

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



596540



43694E



2C6B61

# Triad

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



43694E



486286



84544E

# Complementary

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



43694E



69435E

# 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.



845261



43694E



645C80

# Square

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



43694E



2B6781



795573



7C5941

# Rectangle

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



43694E



206B6D



795573



855354



# Sweetspot

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



43694E



7B8A7F



5E6943



3C453E



C4C4C4



454545



# Same Dimension

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



43694E



4E8A60



436961



303632



007522



00F547



# Inverse Universe

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



69435E



8A4E79



69434B



363034



750053



F500AE



# Previews

## White Background



This preview shows how the Hex color 43694E looks on a white background.

## Color Contrast Check

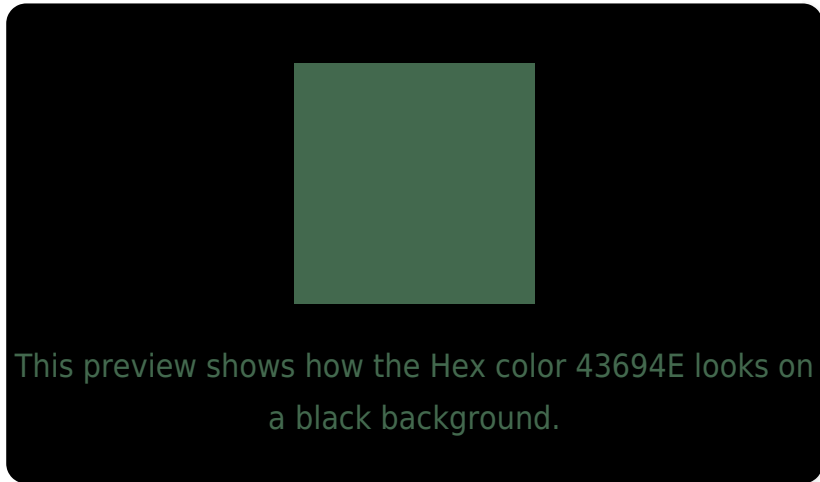
Large Text (above 18pt) WCAG AA ✓ Pass

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

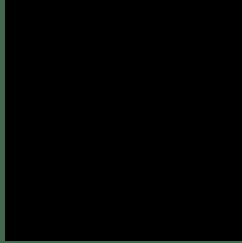
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43694E Background



This preview shows how black text looks on a background with the Hex color 43694E.



This preview shows how white text looks on a background with the Hex color 43694E.

# 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**  
43694E

**Protanopia**  
67604A

**Deuteranopia**  
6F5D51



**Tritanopia**  
49656D

# Trichromacy



**Original Color**  
43694E

**Protanomaly**  
5A634B

**Deuteranomaly**  
5F6150

**Tritanomaly**  
476662

# Monochromacy



**Original Color**  
43694E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
526056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43694E 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 #43694E looks like.

```
.text, #text, p{  
    color:#43694E  
}
```

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 #43694E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43694E
}
```

## Border

The CSS property to change the border of an element to Hex 43694E 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
#43694E }
```

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

```
.border{ border-color:#43694E }
```

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

Here you see how a box with a 4 pixel #43694E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43694E; -webkit-box-shadow:4px 4px  
4px 4px #43694E; box-shadow:4px 4px 4px  
4px #43694E }
```

# Background

The CSS property to change the background color of an element to Hex 43694E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43694E }
```

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

```
.background{ background-color:#43694E }
```

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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