

Converting Colors

Hex(444747)

Have a look what the booklet for
Hex(444747) contains.

Hex(444747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(444747)

Conversions

Conversions Part 1

Format	Color
Hex	444747
RGB	68, 71, 71
RGB Percent	27%, 28%, 28%
CMY	0.7333, 0.7216, 0.7216
CMYK	0.04, 0.00, 0.00, 0.72
HSL	180°, 2%, 27%
HSV	180°, 4%, 28%
XYZ	5.7745, 6.1904, 6.8517
YIQ	70.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

Format	Color
RYB	68, 70, 71
Decimal	4474695
CIELab	29.89, -1.23, -0.43
CIElCh	30, 1.306, 199.399
Yxy	6.1904, 0.3069, 0.3290
Android (android.graphics.Color)	4282664775 (0xFF444747)
YUV	70.1030, 0.4422, -1.8443
Hunter-Lab	24.8804, -2.1129, 1.0886

Details

The Hex color **444747** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474444**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **747777**, and **191C1C** is the 20% darker color. If you saturate the color by 10%, you get **3D4747**, and if you desaturate by 10%, it is **4B4747**.

Distribution



Red (27%)

Green (28%)

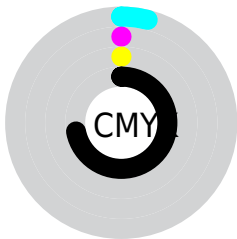
Blue (28%)



Red (27%)

Yellow (27%)

Blue (28%)

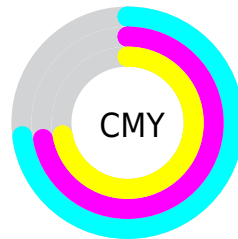


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444747 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 444747 by changing the saturation by 10% instead.



444747



444747

FFFFFF



2E3131



747777



191C1C



8E9191



000001



A8ABAB



000000



C3C7C7



DFE3E3



FCFFFF



444747



444747



3D4747



4B4747

■ 364747

■ 524747

■ 2F4747

■ 594747

■ 284747

■ 604747

■ 214747

■ 684747

■ 194747

■ 6F4747

■ 124747

■ 764747

■ 0B4747

■ 7D4747

■ 044747

■ 844747

Harmonies

Analogous

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



444746



444747



444748

Triad

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



444747



474648



484644

Complementary

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



444747



474444

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.



484645



444747



484647

Square

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



444747



464648



494646



474744

Rectangle

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



444747



454748



494646



484645

Sweetspot

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



444747



5B5C5C



444744



2D2E2E



ADADAD



2E2E2E

Same Dimension

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



444747



575C5C



444647



222424



006363



00E3E3

Inverse Universe

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



474447



5C575C



474644



242224



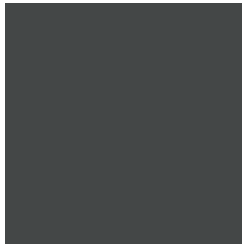
630063



E300E3

Previews

White Background



This preview shows how the Hex color 444747 looks on a white background.

Color Contrast Check

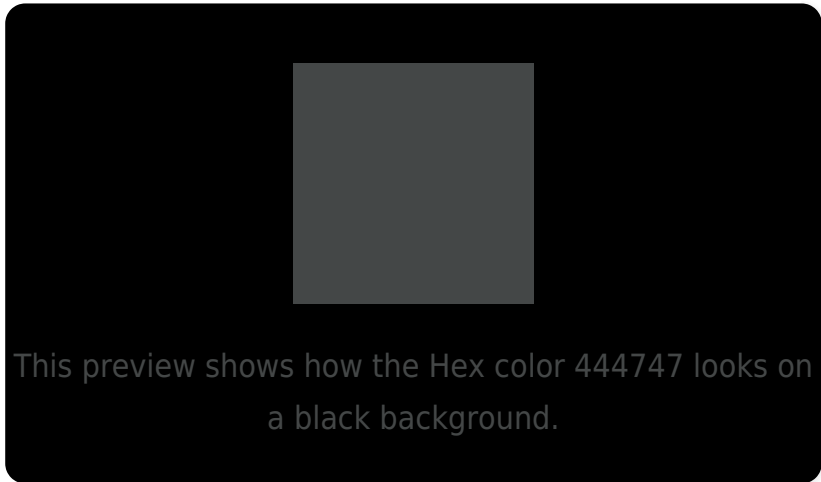
Large Text (above 18pt) WCAG AA ✓ Pass

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

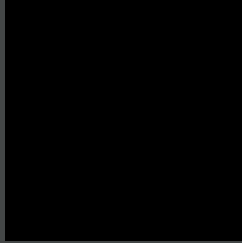
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

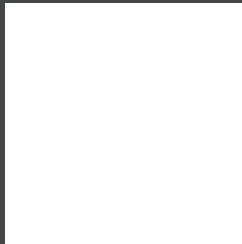
Any Text WCAG AAA × Fail

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

Hex 444747 Background



This preview shows how black text looks on a background with the Hex color 444747.

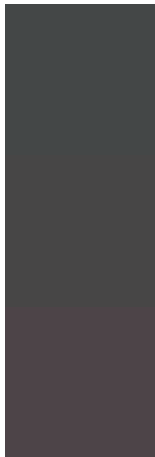


This preview shows how white text looks on a background with the Hex color 444747.

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

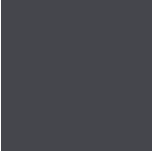
444747

Protanopia

474646

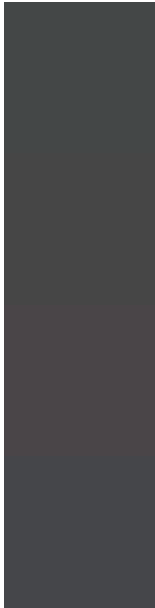
Deuteranopia

4D4448



Tritanopia
45464C

Trichromacy



Original Color

444747

Protanomaly

464646

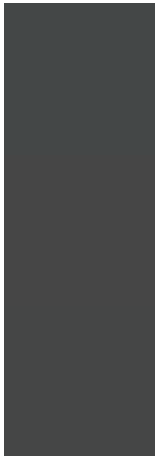
Deuteranomaly

4A4548

Tritanomaly

45464A

Monochromacy



Original Color

444747

Achromatopsia

464646

Achromatomaly

454646

CSS Examples

Text

The CSS property to change the color of the text to Hex 444747 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 #444747 looks like.

```
.text, #text, p{  
    color:#444747  
}
```

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 #444747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444747
}
```

Border

The CSS property to change the border of an element to Hex 444747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

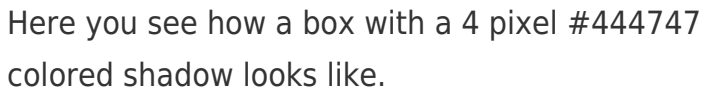
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444747 }
```

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

```
.border{ border-color:#444747 }
```

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



Here you see how a box with a 4 pixel #444747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444747; -webkit-box-shadow:4px 4px  
4px 4px #444747; box-shadow:4px 4px 4px  
4px #444747 }
```

Background

The CSS property to change the background color of an element to Hex 444747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444747 }
```

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

```
.background{ background-color:#444747 }
```

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