

Converting Colors

Hex(444246)

Have a look what the booklet for
Hex(444246) contains.

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Color

Hex(444246)

Conversions

Conversions Part 1

Format	Color
Hex	444246
RGB	68, 66, 70
RGB Percent	27%, 26%, 27%
CMY	0.7333, 0.7412, 0.7255
CMYK	0.03, 0.06, 0.00, 0.73
HSL	270°, 3%, 27%
HSV	270°, 6%, 27%
XYZ	5.4376, 5.5676, 6.5824
YIQ	67.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

Format	Color
RYB	68, 66, 70
Decimal	4473414
CIELab	28.29, 1.74, -2.13
CIElCh	28, 2.745, 309.270
Yxy	5.5676, 0.3092, 0.3166
Android (android.graphics.Color)	4282663494 (0xFF444246)
YUV	67.0540, 1.4524, 0.8296
Hunter-Lab	23.5957, -0.1573, -0.0229

Details

The Hex color **444246** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **444642**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **747276**, and **19171B** is the 20% darker color. If you saturate the color by 10%, you get **403B46**, and if you desaturate by 10%, it is **484946**.

Distribution



Red (27%)

Green (26%)

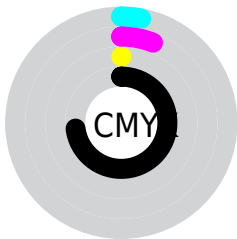
Blue (27%)



Red (27%)

Yellow (26%)

Blue (27%)



Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (74%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444246 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 444246 by changing the saturation by 10% instead.

■ 444246

■ 444246

FFFFFF

■ 2E2C30

■ 747276

■ 19171B

■ 8E8B90

■ 000000

■ A8A6AA

■ C3C1C6

■ DFDDE2

■ FCF9FE

■ 444246

■ 444246

■ 403B46

■ 484946

■ 3D3446

■ 4B5046

■ 392D46

■ 4F5746

■ 362646

■ 525E46

■ 321F46

■ 566546

■ 2F1846

■ 596C46

■ 2B1146

■ 5D7346

■ 280A46

■ 607A46

■ 240346

■ 648146

Harmonies

Analogous

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



414347



444246



464244

Triad

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



444246



46423F



3E4443

Complementary

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



444246



444642

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.



3F4441



444246



44433F

Square

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



444246



474240



41433F



3E4445

Rectangle

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



444246



474143



41433F



3E4443

Sweetspot

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



444246



5B5A5C



424446



2D2D2E



ADADAD



2E2E2E

Same Dimension

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



444246



59555C



464246



222124



320063



7100E3

Inverse Universe

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



464244



5C5559



424642



242122



630032



E30071

Previews

White Background



This preview shows how the Hex color 444246 looks on a white background.

Color Contrast Check

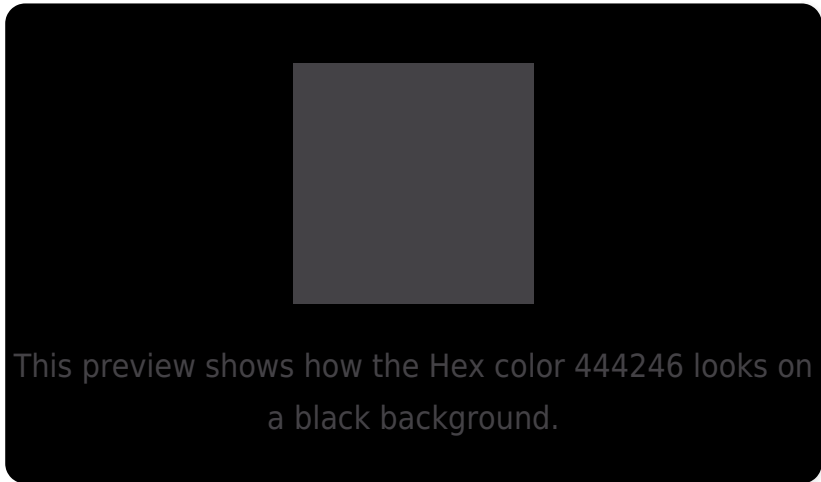
Large Text (above 18pt) WCAG AA ✓ Pass

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

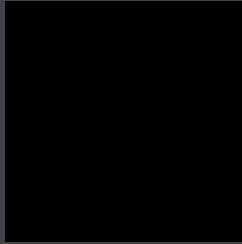
Any Text WCAG AA × Fail

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 444246 Background



This preview shows how black text looks on a background with the Hex color 444246.



This preview shows how white text looks on a background with the Hex color 444246.

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
444246

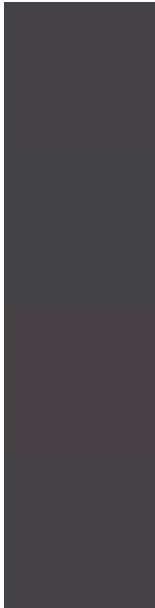
Protanopia
434246

Deuteranopia
484146



Tritanopia
444247

Trichromacy



Original Color

444246

Protanomaly

434246

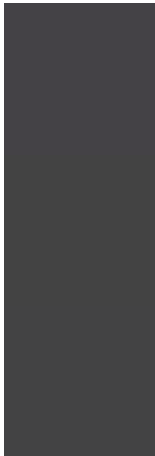
Deuteranomaly

474146

Tritanomaly

444247

Monochromacy



Original Color

444246

Achromatopsia

434343

Achromatomaly

434344

CSS Examples

Text

The CSS property to change the color of the text to Hex 444246 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 #444246 looks like.

```
.text, #text, p{  
    color:#444246  
}
```

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 #444246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444246
}
```

Border

The CSS property to change the border of an element to Hex 444246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

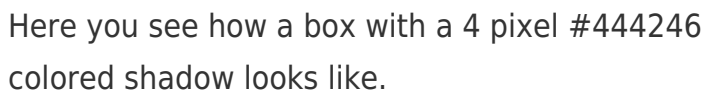
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444246 }
```

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

```
.border{ border-color:#444246 }
```

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



Here you see how a box with a 4 pixel #444246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444246; -webkit-box-shadow:4px 4px  
4px 4px #444246; box-shadow:4px 4px 4px  
4px #444246 }
```

Background

The CSS property to change the background color of an element to Hex 444246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444246 }
```

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

```
.background{ background-color:#444246 }
```

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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