

Converting Colors

Hex(464846)

Have a look what the booklet for
Hex(464846) contains.

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Color

Hex(464846)

Conversions

Conversions Part 1

Format	Color
Hex	464846
RGB	70, 72, 70
RGB Percent	27%, 28%, 27%
CMY	0.7255, 0.7176, 0.7255
CMYK	0.03, 0.00, 0.03, 0.72
HSL	120°, 1%, 28%
HSV	120°, 3%, 28%
XYZ	5.9486, 6.3790, 6.7121
YIQ	71.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

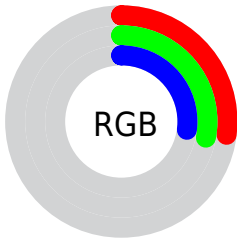
Format	Color
R_{YB}	70, 72, 72
Decimal	4606022
CIE Lab	30.35, -1.26, 0.91
CIE LCh	30, 1.556, 144.384
Yxy	6.3790, 0.3124, 0.3350
Android (android.graphics.Color)	4282796102 (0xFF464846)
YUV	71.1740, -0.5788, -1.0296
Hunter-Lab	25.2567, -2.1577, 1.9231

Details

The Hex color **464846** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484648**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **767876**, and **1B1D1B** is the 20% darker color. If you saturate the color by 10%, you get **3F483F**, and if you desaturate by 10%, it is **4D484D**.

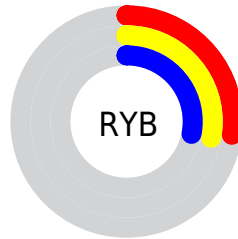
Distribution



Red (27%)

Green (28%)

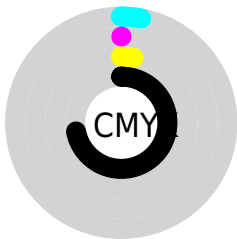
Blue (27%)



Red (27%)

Yellow (28%)

Blue (28%)

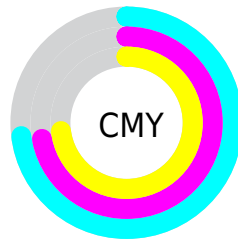


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464846 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 464846 by changing the saturation by 10% instead.



464846



464846

FFFFFF



303230



767876



1B1D1B



909290



000200



AAADAA



000000



C6C8C6



E2E4E2

FEFFFE



464846



464846



3F483F



4D484D

■ 384838

■ 544854

■ 304830

■ 5C485C

■ 294829

■ 634863

■ 224822

■ 6A486A

■ 1B481B

■ 714871

■ 144814

■ 784878

■ 0C480C

■ 804880

■ 054805

■ 874887

Harmonies

Analogous

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



474845



464846



454847

Triad

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



464846



46484A



4A4746

Complementary

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



464846



484648

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.



4A4748



464846



47474A

Square

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



464846



454849



494749



4A4746

Rectangle

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



464846



454848



494749



4A4747

Sweetspot

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



464846



5D5E5D



484846



303030



B0B0B0

Same Dimension

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



464846



5C5E5C



464847



222422



006300



00E300

Inverse Universe

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



484648



5E5C5E



484647



242224



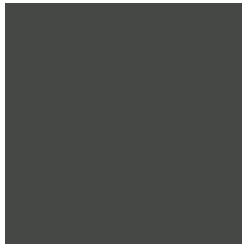
630063



E300E3

Previews

White Background



This preview shows how the Hex color 464846 looks on a white background.

Color Contrast Check

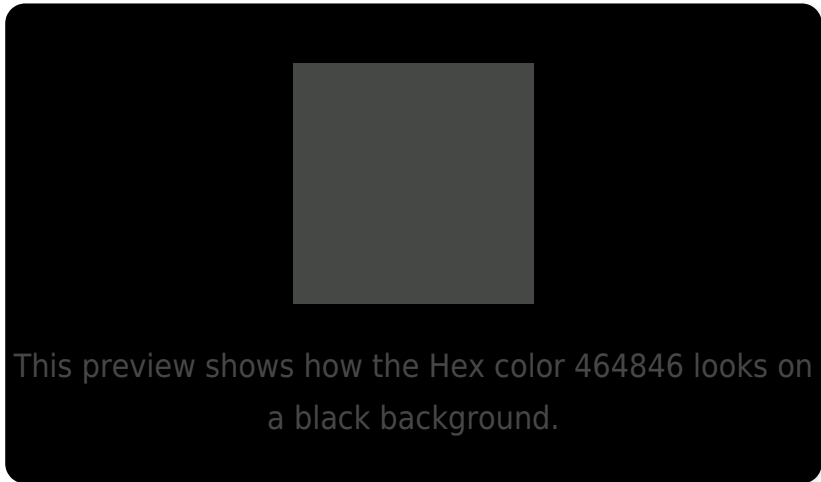
Large Text (above 18pt) WCAG AA ✓ Pass

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

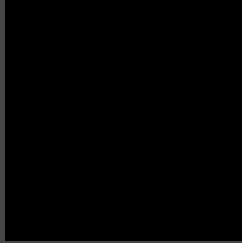
Any Text WCAG AA × Fail

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 464846 Background



This preview shows how black text looks on a background with the Hex color 464846.

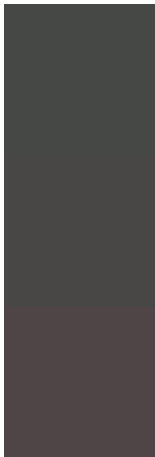


This preview shows how white text looks on a background with the Hex color 464846.

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
464846

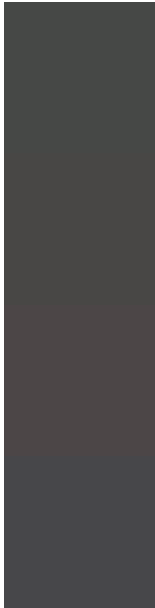
Protanopia
494745

Deuteranopia
4F4547



Tritanopia
47474D

Trichromacy



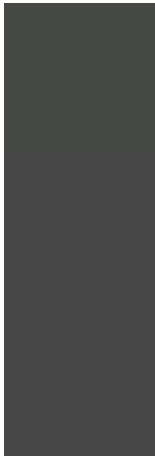
Original Color
464846

Protanomaly
484745

Deuteranomaly
4C4647

Tritanomaly
47474A

Monochromacy



Original Color
464846

Achromatopsia
474747

Achromatomaly
474747

CSS Examples

Text

The CSS property to change the color of the text to Hex 464846 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 #464846 looks like.

```
.text, #text, p{  
    color:#464846  
}
```

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 #464846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464846
}
```

Border

The CSS property to change the border of an element to Hex 464846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

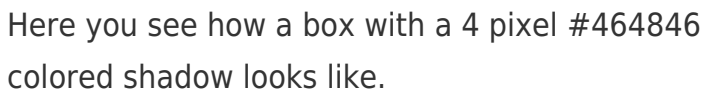
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464846 }
```

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

```
.border{ border-color:#464846 }
```

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



Here you see how a box with a 4 pixel #464846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464846; -webkit-box-shadow:4px 4px  
4px 4px #464846; box-shadow:4px 4px 4px  
4px #464846 }
```

Background

The CSS property to change the background color of an element to Hex 464846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464846 }
```

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

```
.background{ background-color:#464846 }
```

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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