

Converting Colors

Hex(464642)

Have a look what the booklet for
Hex(464642) contains.

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Color

Hex(464642)

Conversions

Conversions Part 1

Format	Color
Hex	464642
RGB	70, 70, 66
RGB Percent	27%, 27%, 26%
CMY	0.7255, 0.7255, 0.7412
CMYK	0.00, 0.00, 0.06, 0.73
HSL	60°, 3%, 27%
HSV	60°, 6%, 27%
XYZ	5.6993, 6.0758, 6.0266
YIQ	69.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

Format	Color
RYB	66, 70, 66
Decimal	4605506
CIELab	29.60, -0.86, 2.41
CIELCh	30, 2.555, 109.681
Yxy	6.0758, 0.3202, 0.3413
Android (android.graphics.Color)	4282795586 (0xFF464642)
YUV	69.5440, -1.7472, 0.3999
Hunter-Lab	24.6490, -1.8633, 2.7581

Details

The Hex color **464642** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424246**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **767672**, and **1B1B17** is the 20% darker color. If you saturate the color by 10%, you get **46463B**, and if you desaturate by 10%, it is **464649**.

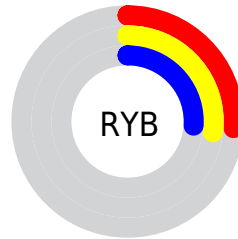
Distribution



Red (27%)

Green (27%)

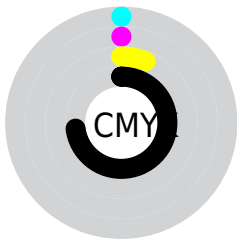
Blue (26%)



Red (26%)

Yellow (27%)

Blue (26%)



Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464642 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 464642 by changing the saturation by 10% instead.



464642



464642

FFFFFF



30302C



767672



1B1B17



90908B



000000



AAAAA6



C6C6C1



E2E2DD



FEFEF9



464642



464642



46463B



464649

■ 464634

■ 464650

■ 46462D

■ 464657

■ 464626

■ 46465E

■ 46461F

■ 464665

■ 464618

■ 46466C

■ 464611

■ 464673

■ 46460A

■ 46467A

■ 464603

■ 464681

Harmonies

Analogous

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



484542



464642



444743

Triad

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



464642



414749



494446

Complementary

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



464642



424246

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.



484548



464642



43464A

Square

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



464642



414747



454549



4A4444

Rectangle

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



464642



424744



454549



494547

Sweetspot

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



464642



5C5C5A



464242



2E2E2D



ADADAD



2E2E2E

Same Dimension

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



464642



5C5C55



444642



242421



636300



E3E300

Inverse Universe

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



424246



55555C



444246



212124



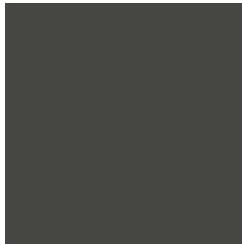
000063



0000E3

Previews

White Background



This preview shows how the Hex color 464642 looks on a white background.

Color Contrast Check

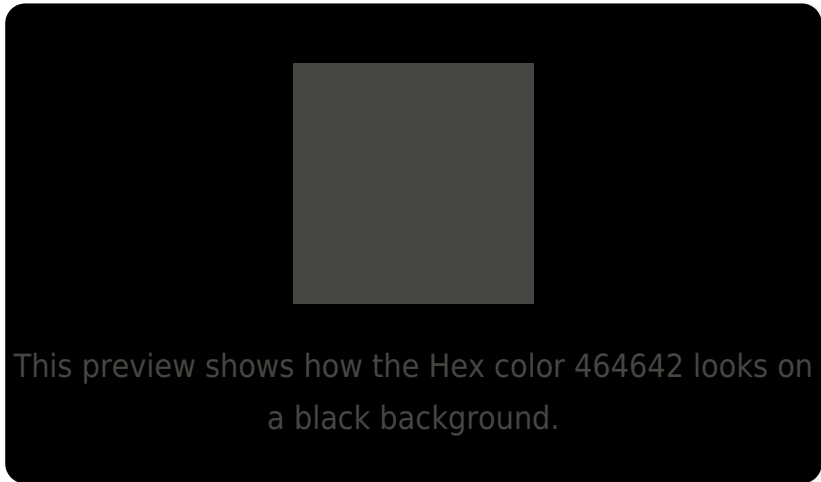
Large Text (above 18pt) WCAG AA ✓ Pass

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

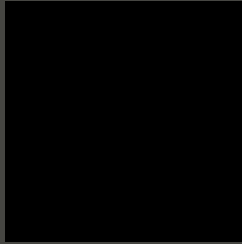
Any Text WCAG AA × Fail

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 464642 Background



This preview shows how black text looks on a background with the Hex color 464642.



This preview shows how white text looks on a background with the Hex color 464642.

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

464642

Protanopia

484542

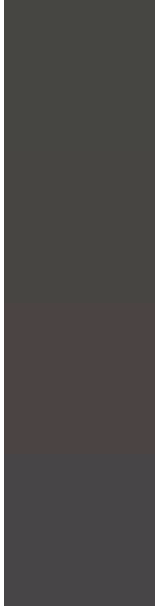
Deuteranopia

4E4343



Tritanopia
47454A

Trichromacy



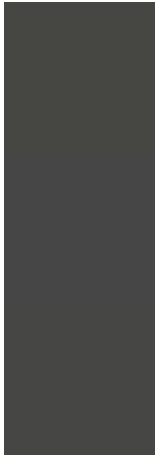
Original Color
464642

Protanomaly
474542

Deuteranomaly
4B4443

Tritanomaly
474547

Monochromacy



Original Color
464642

Achromatopsia
464646

Achromatomaly
464645

CSS Examples

Text

The CSS property to change the color of the text to Hex 464642 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 #464642 looks like.

```
.text, #text, p{  
    color:#464642  
}
```

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 #464642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464642
}
```

Border

The CSS property to change the border of an element to Hex 464642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

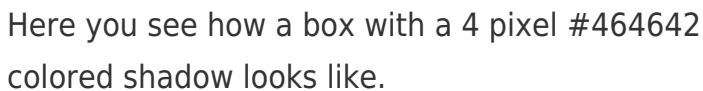
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464642 }
```

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

```
.border{ border-color:#464642 }
```

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



Here you see how a box with a 4 pixel #464642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464642; -webkit-box-shadow:4px 4px  
4px 4px #464642; box-shadow:4px 4px 4px  
4px #464642 }
```

Background

The CSS property to change the background color of an element to Hex 464642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464642 }
```

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

```
.background{ background-color:#464642 }
```

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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