

Converting Colors

Hex(464740)

Have a look what the booklet for
Hex(464740) contains.

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Color

Hex(464740)

Conversions

Conversions Part 1

Format	Color
Hex	464740
RGB	70, 71, 64
RGB Percent	27%, 28%, 25%
CMY	0.7255, 0.7216, 0.7490
CMYK	0.01, 0.00, 0.10, 0.72
HSL	69°, 5%, 26%
HSV	69°, 10%, 28%
XYZ	5.7044, 6.1787, 5.7424
YIQ	69.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

Format	Color
RYB	64, 71, 65
Decimal	4605760
CIELab	29.86, -1.91, 4.06
CIELCh	30, 4.489, 115.124
Yxy	6.1787, 0.3236, 0.3506
Android (android.graphics.Color)	4282795840 (0xFF464740)
YUV	69.9030, -2.9102, 0.0851
Hunter-Lab	24.8571, -2.5359, 3.7028

Details

The Hex color **464740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **414047**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **767770**, and **1B1C16** is the 20% darker color. If you saturate the color by 10%, you get **454739**, and if you desaturate by 10%, it is **474747**.

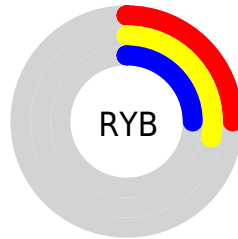
Distribution



Red (27%)

Green (28%)

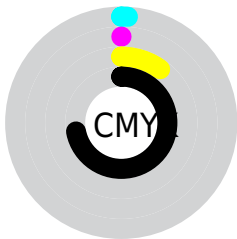
Blue (25%)



Red (25%)

Yellow (28%)

Blue (25%)

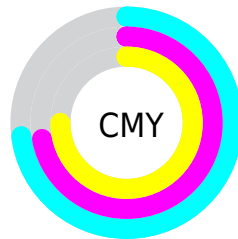


Cyan (1%)

Magenta (0%)

Yellow (10%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464740 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 464740 by changing the saturation by 10% instead.

■ 464740

■ 464740

FFFFFF

■ 30312A

■ 767770

■ 1B1C16

■ 909189

■ 000000

■ AAABA3

■ C6C7BE

■ E2E3DA

■ FFFFF7

■ 464740

■ 464740

■ 454739

■ 474747

■ 444732

■ 48474E

■ 43472B

■ 494755

■ 424724

■ 4A475C

■ 41471C

■ 4B4764

■ 404715

■ 4C476B

■ 3F470E

■ 4D4772

■ 3E4707

■ 4E4779

■ 3D4700

■ 4F4780

Harmonies

Analogous

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



4A463F



464740



424842

Triad

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



464740



3F484C



4D4447

Complementary

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



464740



414047

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.



4A454A



464740



42474D

Square

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



464740



3E4849



46464D



4E4443

Rectangle

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



464740



404844



46464D



4C4448

Sweetspot

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



464740



5B5C59



474140



2E2E2C



ADADAD



2E2E2E

Same Dimension

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



464740



5A5C51



434740



232420



556300



C3E300

Inverse Universe

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



414047



52515C



444047



212024



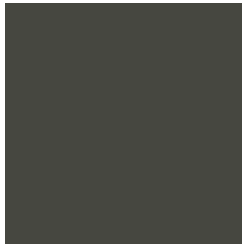
0E0063



2000E3

Previews

White Background



This preview shows how the Hex color 464740 looks on a white background.

Color Contrast Check

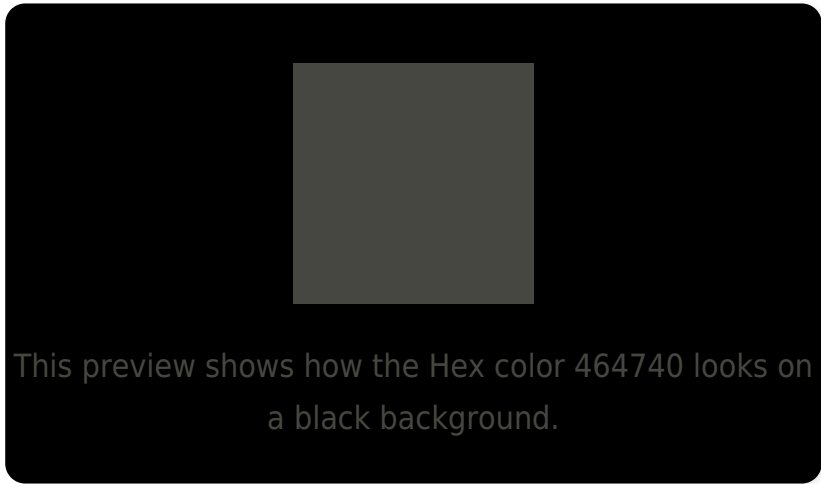
Large Text (above 18pt) WCAG AA ✓ Pass

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

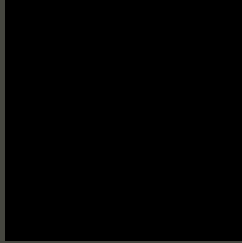
Any Text WCAG AA × Fail

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 464740 Background



This preview shows how black text looks on a background with the Hex color 464740.



This preview shows how white text looks on a background with the Hex color 464740.

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
464740

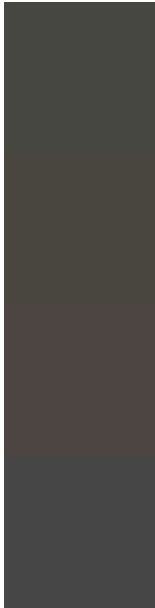
Protanopia
49463F

Deuteranopia
4F4441



Tritanopia
48454B

Trichromacy



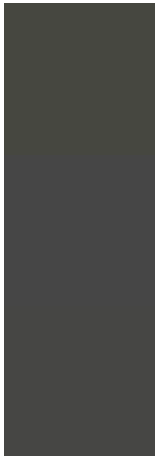
Original Color
464740

Protanomaly
48463F

Deuteranomaly
4C4541

Tritanomaly
474647

Monochromacy



Original Color
464740

Achromatopsia
464646

Achromatomaly
464644

CSS Examples

Text

The CSS property to change the color of the text to Hex 464740 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 #464740 looks like.

```
.text, #text, p{  
    color:#464740  
}
```

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 #464740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464740
}
```

Border

The CSS property to change the border of an element to Hex 464740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

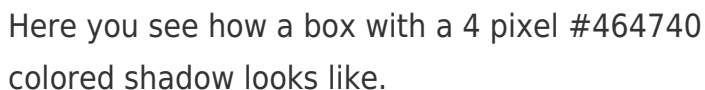
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464740 }
```

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

```
.border{ border-color:#464740 }
```

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



Here you see how a box with a 4 pixel #464740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464740; -webkit-box-shadow:4px 4px  
4px 4px #464740; box-shadow:4px 4px 4px  
4px #464740 }
```

Background

The CSS property to change the background color of an element to Hex 464740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464740 }
```

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

```
.background{ background-color:#464740 }
```

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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