

Converting Colors

Hex(464A47)

Have a look what the booklet for
Hex(464A47) contains.

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Color

Hex(464A47)

Conversions

Conversions Part 1

Format	Color
Hex	464A47
RGB	70, 74, 71
RGB Percent	27%, 29%, 28%
CMY	0.7255, 0.7098, 0.7216
CMYK	0.05, 0.00, 0.04, 0.71
HSL	135°, 3%, 28%
HSV	135°, 5%, 29%
XYZ	6.1119, 6.6546, 6.9236
YIQ	72.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

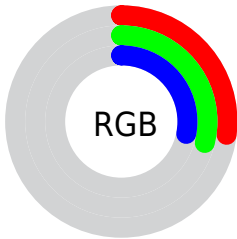
Format	Color
RYB	70, 73, 74
Decimal	4606535
CIELab	31.01, -2.30, 1.22
CIELCh	31, 2.604, 152.084
Yxy	6.6546, 0.3104, 0.3380
Android (android.graphics.Color)	4282796615 (0xFF464A47)
YUV	72.4620, -0.7208, -2.1592
Hunter-Lab	25.7965, -2.8523, 2.1446

Details

The Hex color **464A47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4649**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **767B77**, and **1B1E1C** is the 20% darker color. If you saturate the color by 10%, you get **3F4A41**, and if you desaturate by 10%, it is **4D4A4D**.

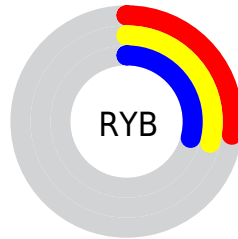
Distribution



 Red (27%)

 Green (29%)

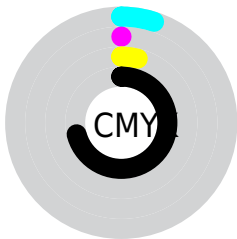
 Blue (28%)



 Red (27%)

 Yellow (29%)

 Blue (29%)

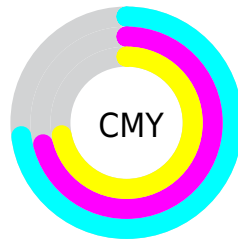


 Cyan (5%)

 Magenta (0%)

 Yellow (4%)

 Black (71%)



 Cyan (73%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A47 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 464A47 by changing the saturation by 10% instead.

■ 464A47

■ 464A47

FFFFFF

■ 303331

■ 767B77

■ 1B1E1C

■ 909491

■ 000501

■ AAAFAB

■ 000000

■ C6CAC7

■ E2E6E3

FEFFFF

■ 464A47

■ 464A47

■ 3F4A41

■ 4D4A4D

■ 374A3C

■ 554A52

■ 304A36

■ 5C4A58

■ 284A31

■ 644A5D

■ 214A2B

■ 6B4A63

■ 1A4A26

■ 724A68

■ 124A20

■ 7A4A6E

■ 0B4A1B

■ 814A73

■ 034A15

■ 894A79

Harmonies

Analogous

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



484A46



464A47



444A49

Triad

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



464A47



47494D



4D4847

Complementary

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



464A47



4A4649

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.



4D4849



464A47



4A484C

Square

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



464A47



454A4C



4C484B



4D4845

Rectangle

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



464A47



444A4A



4C484B



4E4848

Sweetspot

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



464A47



5F615F



494A46



2F3030



B0B0B0



303030

Same Dimension

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



464A47



5B615D



464A49



242624



006619



00E639

Inverse Universe

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



4A4649



615B5F



4A4647



262426



66004D



E600AC

Previews

White Background



This preview shows how the Hex color 464A47 looks on a white background.

Color Contrast Check

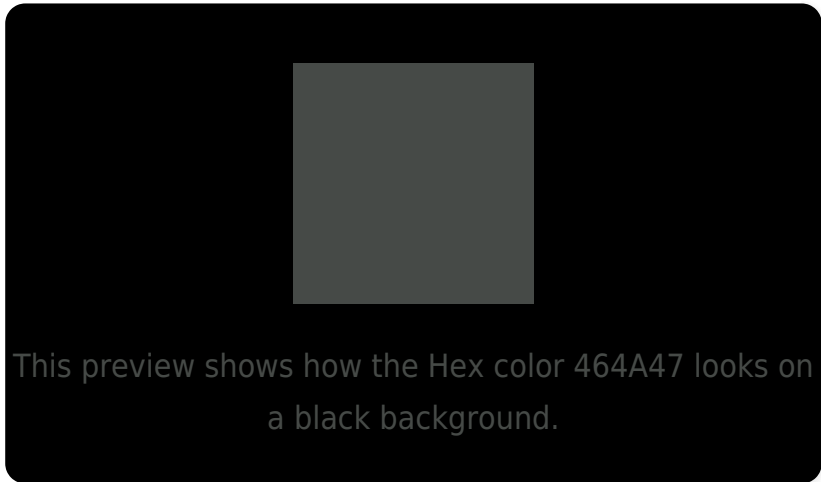
Large Text (above 18pt) WCAG AA ✓ Pass

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

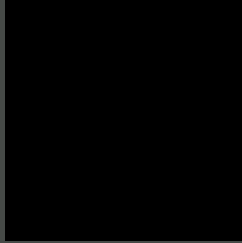
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

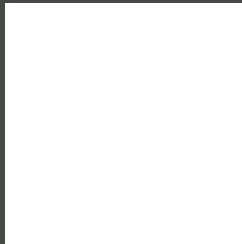
Any Text WCAG AAA × Fail

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

Hex 464A47 Background



This preview shows how black text looks on a background with the Hex color 464A47.

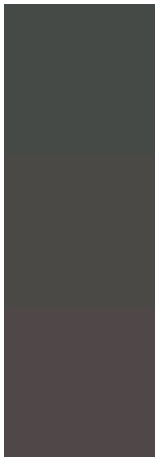


This preview shows how white text looks on a background with the Hex color 464A47.

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](#).

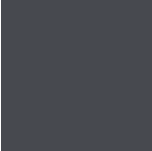
Dichromacy



Original Color
464A47

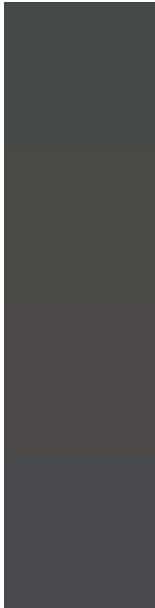
Protanopia
4B4946

Deuteranopia
504748



Tritanopia
47494F

Trichromacy



Original Color

464A47

Protanomaly

494946

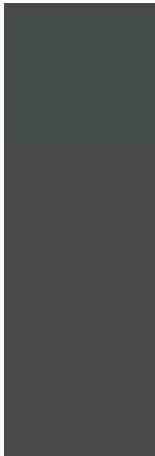
Deuteranomaly

4C4848

Tritanomaly

47494C

Monochromacy



Original Color

464A47

Achromatopsia

484848

Achromatomaly

474948

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A47 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 #464A47 looks like.

```
.text, #text, p{  
    color:#464A47  
}
```

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 #464A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A47
}
```

Border

The CSS property to change the border of an element to Hex 464A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

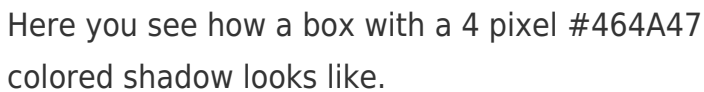
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A47 }
```

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

```
.border{ border-color:#464A47 }
```

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



Here you see how a box with a 4 pixel #464A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A47; -webkit-box-shadow:4px 4px  
4px 4px #464A47; box-shadow:4px 4px 4px  
4px #464A47 }
```

Background

The CSS property to change the background color of an element to Hex 464A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A47 }
```

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

```
.background{ background-color:#464A47 }
```

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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