

Converting Colors

Hex(464128)

Have a look what the booklet for
Hex(464128) contains.

Hex(464128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(464128)

Conversions

Conversions Part 1

Format	Color
Hex	464128
RGB	70, 65, 40
RGB Percent	27%, 25%, 16%
CMY	0.7255, 0.7451, 0.8431
CMYK	0.00, 0.07, 0.43, 0.73
HSL	50°, 27%, 22%
HSV	50°, 43%, 27%
XYZ	4.7991, 5.2359, 2.7652
YIQ	63.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

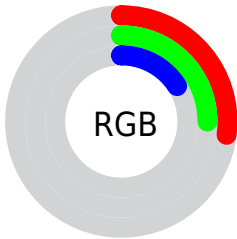
Format	Color
RYB	46, 70, 40
Decimal	4604200
CIELab	27.40, -2.25, 16.03
CIElCh	27, 16.191, 97.989
Yxy	5.2359, 0.3749, 0.4090
Android (android.graphics.Color)	4282794280 (0xFF464128)
YUV	63.6450, -11.6570, 5.5733
Hunter-Lab	22.8821, -2.6065, 8.8526

Details

The Hex color **464128** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **282D46**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **777155**, and **1B1700** is the 20% darker color. If you saturate the color by 10%, you get **464021**, and if you desaturate by 10%, it is **46422F**.

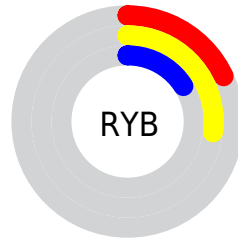
Distribution



Red (27%)

Green (25%)

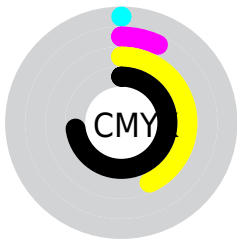
Blue (16%)



Red (18%)

Yellow (27%)

Blue (16%)

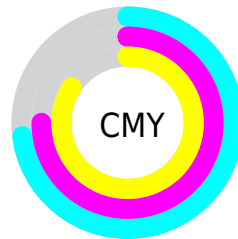


Cyan (0%)

Magenta (7%)

Yellow (43%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464128 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 464128 by changing the saturation by 10% instead.



464128



464128

FFFFFF



2F2B13



777155



1B1700



918A6E



000000



ACA487



C7BFA2



E3DBBD



FFF8D8



FFFFFF5



464128



464128

■ 464021

■ 46422F

■ 463F1A

■ 464336

■ 463D13

■ 46453D

■ 463C0C

■ 464644

■ 463B05

■ 46474B

■ 463A00

■ 464852

■ 464959

■ 464A60

■ 464C67

Harmonies

Analogous

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



513D2A



464128



38442D

Triad

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



464128



174750



53394A

Complementary

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



464128



282D46

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.



473C54



464128



224457

Square

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



464128



1C4844



354159



59373E

Rectangle

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



464128



2F4633



354159



503A4E

Sweetspot

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



464128



5C5A50



46282D



2E2D27



ADADAD



2E2E2E

Same Dimension

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



464128



5C542D



3D4628



242320



635300



E3BD00

Inverse Universe

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



282D46



2D355C



322846



202124



001163



0026E3

Previews

White Background



This preview shows how the Hex color 464128 looks on a white background.

Color Contrast Check

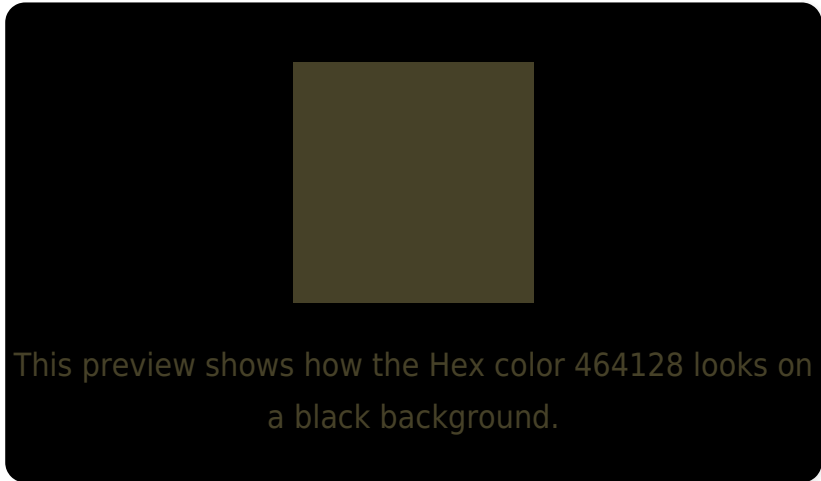
Large Text (above 18pt) WCAG AA ✓ Pass

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

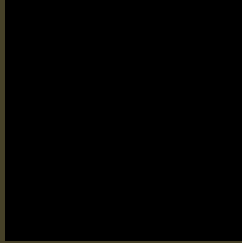
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

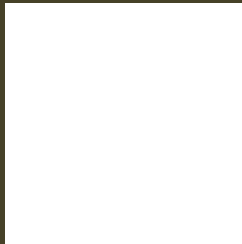
Any Text WCAG AAA × Fail

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

Hex 464128 Background



This preview shows how black text looks on a background with the Hex color 464128.

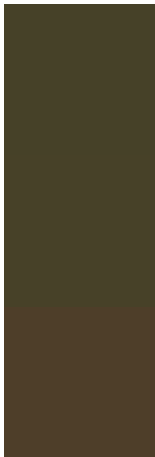


This preview shows how white text looks on a background with the Hex color 464128.

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](#).

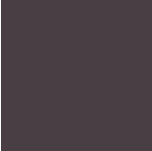
Dichromacy



Original Color
464128

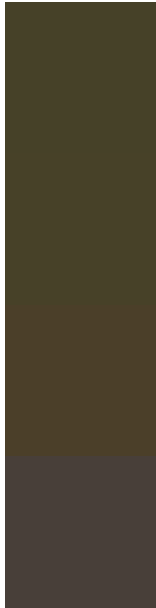
Protanopia
474128

Deuteranopia
4E3E29



Tritanopia
493E43

Trichromacy



Original Color
464128

Protanomaly
474128

Deuteranomaly
4B3F29

Tritanomaly
483F39

Monochromacy



Original Color
464128

Achromatopsia
404040

Achromatomaly
424037

CSS Examples

Text

The CSS property to change the color of the text to Hex 464128 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 #464128 looks like.

```
.text, #text, p{  
    color:#464128  
}
```

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 #464128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464128
}
```

Border

The CSS property to change the border of an element to Hex 464128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

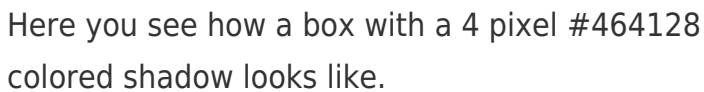
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464128 }
```

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

```
.border{ border-color:#464128 }
```

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

A rectangular box with a white background and a dark blue shadow. The shadow is visible on the right and bottom edges of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #464128 colored shadow looks like."

Here you see how a box with a 4 pixel #464128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464128; -webkit-box-shadow:4px 4px  
4px 4px #464128; box-shadow:4px 4px 4px  
4px #464128 }
```

Background

The CSS property to change the background color of an element to Hex 464128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464128 }
```

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

```
.background{ background-color:#464128 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor