

Converting Colors

Hex(464B29)

Have a look what the booklet for
Hex(464B29) contains.

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Color

Hex(464B29)

Conversions

Conversions Part 1

Format	Color
Hex	464B29
RGB	70, 75, 41
RGB Percent	27%, 29%, 16%
CMY	0.7255, 0.7059, 0.8392
CMYK	0.07, 0.00, 0.45, 0.71
HSL	69°, 29%, 23%
HSV	69°, 45%, 29%
XYZ	5.4421, 6.4943, 3.0645
YIQ	69.6290, 7.9340, -11.6340

Conversions

Conversions Part 2

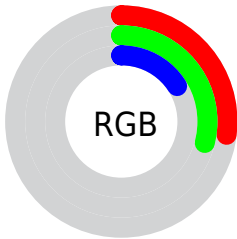
Format	Color
R_{YB}	41, 75, 46
Decimal	4606761
CIE Lab	30.63, -8.26, 19.55
CIE LCh	31, 21.229, 112.910
Yxy	6.4943, 0.3628, 0.4329
Android (android.graphics.Color)	4282796841 (0xFF464B29)
YUV	69.6290, -14.1141, 0.3254
Hunter-Lab	25.4840, -6.4783, 10.7090

Details

The Hex color **464B29** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2E294B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **777C57**, and **1B1F00** is the 20% darker color. If you saturate the color by 10%, you get **454B22**, and if you desaturate by 10%, it is **474B31**.

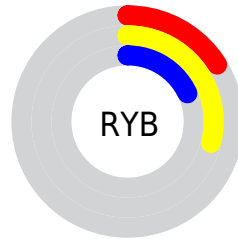
Distribution



Red (27%)

Green (29%)

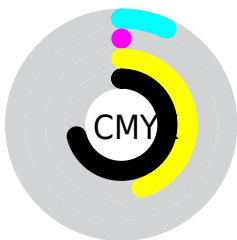
Blue (16%)



Red (16%)

Yellow (29%)

Blue (18%)

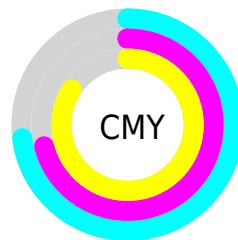


Cyan (7%)

Magenta (0%)

Yellow (45%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464B29 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 464B29 by changing the saturation by 10% instead.

 464B29

 464B29

FFFFFF

 2F3414

 777C57

 1B1F00

 919570

 000400

 ACB089

 000000

 C7CCA3

 E3E8BF

 FFFFDA

 FFFFF7

 464B29

 464B29

■ 454B22

■ 474B31

■ 444B1A

■ 484B38

■ 434B13

■ 494B40

■ 424B0B

■ 4A4B47

■ 404B04

■ 4C4B4F

■ 404B00

■ 4D4B56

■ 4E4B5E

■ 4F4B65

■ 504B6D

Harmonies

Analogous

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



564627



464B29



334F34

Triad

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



464B29



064F62



653B4D

Complementary

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



464B29



2E294B

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.



593F5C



464B29



284B69

Square

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



464B29



005154



444567



683C3C

Rectangle

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



464B29



24503E



444567



623C52

Sweetspot

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



464B29



5F6153



4B2E29



2F3028



B0B0B0



303030

Same Dimension

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



464B29



59612D



354B29



262622



576600



C4E600

Inverse Universe

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



2E294B



342D61



3F294B



232226



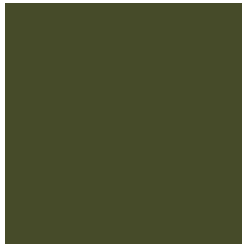
0F0066



2200E6

Previews

White Background



This preview shows how the Hex color 464B29 looks on a white background.

Color Contrast Check

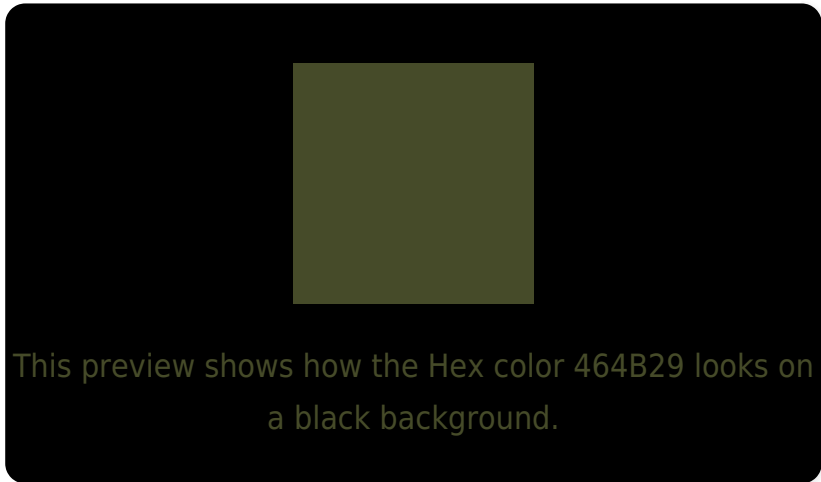
Large Text (above 18pt) WCAG AA ✓ Pass

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

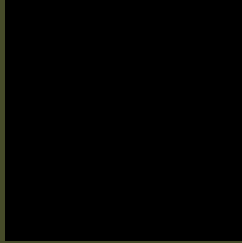
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

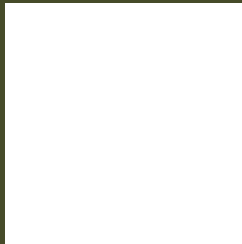
Any Text WCAG AAA × Fail

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

Hex 464B29 Background



This preview shows how black text looks on a background with the Hex color 464B29.



This preview shows how white text looks on a background with the Hex color 464B29.

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
464B29

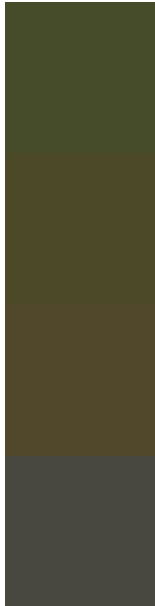
Protanopia
4F4828

Deuteranopia
58452A



Tritanopia
4A474D

Trichromacy



Original Color
464B29

Protanomaly
4C4928

Deuteranomaly
51472A

Tritanomaly
494840

Monochromacy



Original Color
464B29

Achromatopsia
464646

Achromatomaly
46483B

CSS Examples

Text

The CSS property to change the color of the text to Hex 464B29 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 #464B29 looks like.

```
.text, #text, p{  
    color:#464B29  
}
```

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 #464B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464B29
}
```

Border

The CSS property to change the border of an element to Hex 464B29 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".

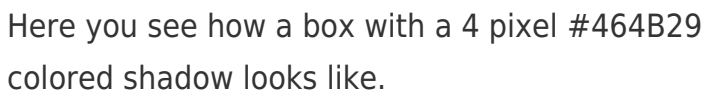
```
.border, #border, table{ border:4px solid
#464B29 }
```

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

```
.border{ border-color:#464B29 }
```

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

Here you see how a box with a 4 pixel #464B29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464B29; -webkit-box-shadow:4px 4px  
4px 4px #464B29; box-shadow:4px 4px 4px  
4px #464B29 }
```

Background

The CSS property to change the background color of an element to Hex 464B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464B29 }
```

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

```
.background{ background-color:#464B29 }
```

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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