

Converting Colors

Hex(464A36)

Have a look what the booklet for
Hex(464A36) contains.

Hex(464A36)	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(464A36)

Conversions

Conversions Part 1

Format	Color
Hex	464A36
RGB	70, 74, 54
RGB Percent	27%, 29%, 21%
CMY	0.7255, 0.7098, 0.7882
CMYK	0.05, 0.00, 0.27, 0.71
HSL	72°, 16%, 25%
HSV	72°, 27%, 29%
XYZ	5.6404, 6.4660, 4.4408
YIQ	70.5240, 4.0360, -7.0680

Conversions

Conversions Part 2

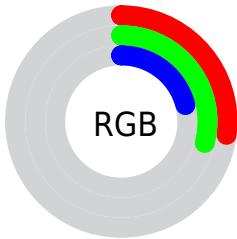
Format	Color
RYB	54, 74, 58
Decimal	4606518
CIELab	30.56, -5.66, 11.43
CIElCh	31, 12.754, 116.336
Yxy	6.4660, 0.3409, 0.3908
Android (android.graphics.Color)	4282796598 (0xFF464A36)
YUV	70.5240, -8.1463, -0.4595
Hunter-Lab	25.4283, -4.9053, 7.4454

Details

The Hex color **464A36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A364A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **777B65**, and **1B1E0A** is the 20% darker color. If you saturate the color by 10%, you get **454A2F**, and if you desaturate by 10%, it is **474A3D**.

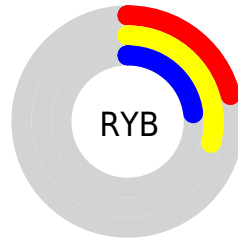
Distribution



Red (27%)

Green (29%)

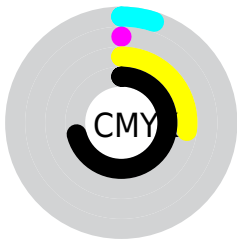
Blue (21%)



Red (21%)

Yellow (29%)

Blue (23%)

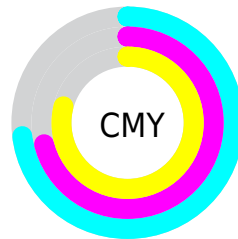


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A36 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 464A36 by changing the saturation by 10% instead.

■ 464A36

■ 464A36

FFFFFF

■ 2F3321

■ 777B65

■ 1B1E0A

■ 90947E

■ 000400

■ ABAF98

■ 000000

■ C6CAB2

■ E2E6CE

■ FFFFEA

■ 464A36

■ 464A36

■ 454A2F

■ 474A3D

■ 434A27

■ 494A45

■ 424A20

■ 4A4A4C

■ 404A18

■ 4C4A54

■ 3F4A11

■ 4D4A5B

■ 3D4A0A

■ 4F4A62

■ 3C4A02

■ 504A6A

■ 3B4A00

■ 524A71

■ 534A79

Harmonies

Analogous

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



514734



464A36



3B4C3D

Triad

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



464A36



2F4C58



5B414A

Complementary

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



464A36



3A364A

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.



544353



464A36



3A495C

Square

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



464A36



2B4D50



48465A



5C4140

Rectangle

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



464A36



344D43



48465A



59414D

Sweetspot

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



464A36



5F6159



4A3A36



2F302C



B0B0B0



303030

Same Dimension

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



464A36



5B6142



3C4A36



252622



526600



B8E600

Inverse Universe

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



3A364A



484261



44364A



232226



140066



2E00E6

Previews

White Background



This preview shows how the Hex color 464A36 looks on a white background.

Color Contrast Check

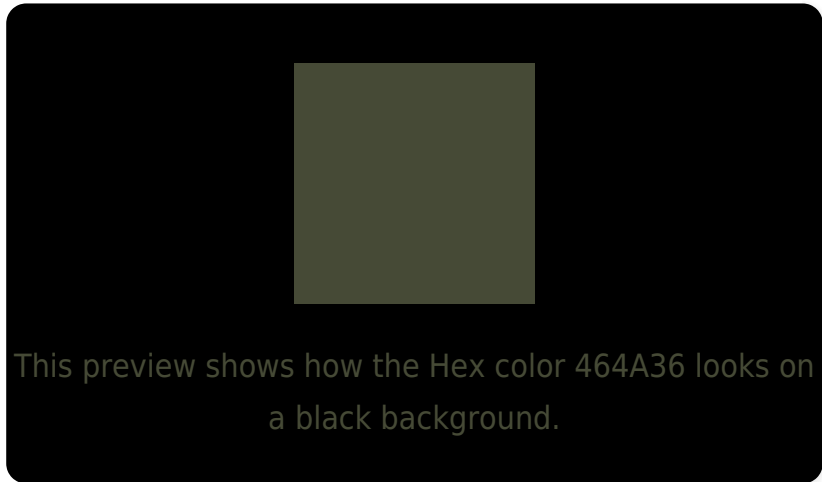
Large Text (above 18pt) WCAG AA ✓ Pass

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

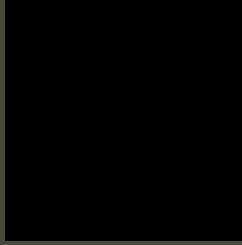
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

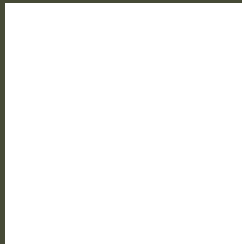
Any Text WCAG AAA × Fail

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

Hex 464A36 Background



This preview shows how black text looks on a background with the Hex color 464A36.



This preview shows how white text looks on a background with the Hex color 464A36.

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
464A36

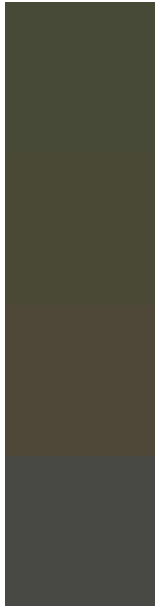
Protanopia
4D4835

Deuteranopia
544537



Tritanopia
49474D

Trichromacy



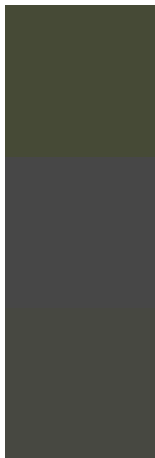
Original Color
464A36

Protanomaly
4A4935

Deuteranomaly
4F4737

Tritanomaly
484845

Monochromacy



Original Color
464A36

Achromatopsia
474747

Achromatomaly
474841

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A36 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 #464A36 looks like.

```
.text, #text, p{  
    color:#464A36  
}
```

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 #464A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A36
}
```

Border

The CSS property to change the border of an element to Hex 464A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

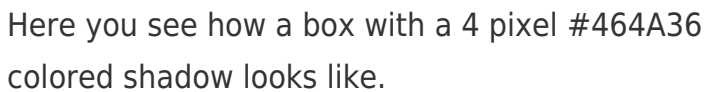
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A36 }
```

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

```
.border{ border-color:#464A36 }
```

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



Here you see how a box with a 4 pixel #464A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A36; -webkit-box-shadow:4px 4px  
4px 4px #464A36; box-shadow:4px 4px 4px  
4px #464A36 }
```

Background

The CSS property to change the background color of an element to Hex 464A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A36 }
```

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

```
.background{ background-color:#464A36 }
```

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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