

Converting Colors

Hex(464A44)

Have a look what the booklet for
Hex(464A44) contains.

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Color

Hex(464A44)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 464A44 |
| RGB | 70, 74, 68 |
| RGB Percent | 27%, 29%, 27% |
| CMY | 0.7255, 0.7098, 0.7333 |
| CMYK | 0.05, 0.00, 0.08, 0.71 |
| HSL | 100°, 4%, 28% |
| HSV | 100°, 8%, 29% |
| XYZ | 6.0180, 6.6170, 6.4289 |
| YIQ | 72.1200, -0.4580, -2.7140 |

Conversions

Conversions Part 2

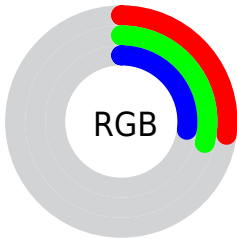
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 68, 74, 72 |
| Decimal | 4606532 |
| CIELab | 30.92, -2.95, 3.01 |
| CIELCh | 31, 4.219, 134.385 |
| Yxy | 6.6170, 0.3157, 0.3471 |
| Android (android.graphics.Color) | 4282796612 (0xFF464A44) |
| YUV | 72.1200, -2.0312, -1.8592 |
| Hunter-Lab | 25.7235, -3.2566, 3.1886 |

Details

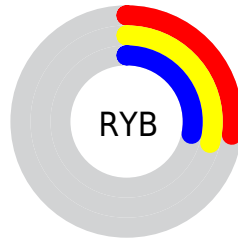
The Hex color **464A44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48444A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **767B74**, and **1B1E19** is the 20% darker color. If you saturate the color by 10%, you get **414A3D**, and if you desaturate by 10%, it is **4B4A4B**.

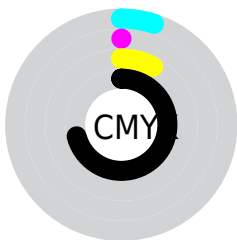
Distribution



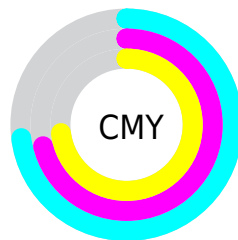
- Red (27%)
- Green (29%)
- Blue (27%)



- Red (27%)
- Yellow (29%)
- Blue (28%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (71%)



- Cyan (73%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A44 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 464A44 by changing the saturation by 10% instead.



464A44



464A44

FFFFFF



30332E



767B74



1B1E19



90948E



000500



AAAF A8



000000



C6CAC3



E2E6DF

FEFFFC



464A44



464A44



414A3D



4B4A4B

■ 3C4A35

■ 504A53

■ 374A2E

■ 554A5A

■ 324A26

■ 5A4A62

■ 2D4A1F

■ 5F4A69

■ 284A18

■ 644A70

■ 234A10

■ 694A78

■ 1F4A09

■ 6D4A7F

■ 1A4A01

■ 724A87

Harmonies

Analogous

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



4A4942



464A44



434B47

Triad

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



464A44



444A4F



504747

Complementary

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



464A44



48444A

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.



4E474B



464A44



47484F

Square

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



464A44



414A4D



4B474D



504744

Rectangle

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



464A44



414B49



4B474D



504748

Sweetspot

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



464A44



60615F



4A4844



30302F



B0B0B0



303030

Same Dimension

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



464A44



5A6157



444A45



242622



226600



4DE600

Inverse Universe

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



48444A



5E5761



4A4449



252226



440066



9900E6

Previews

White Background



This preview shows how the Hex color 464A44 looks on a white background.

Color Contrast Check

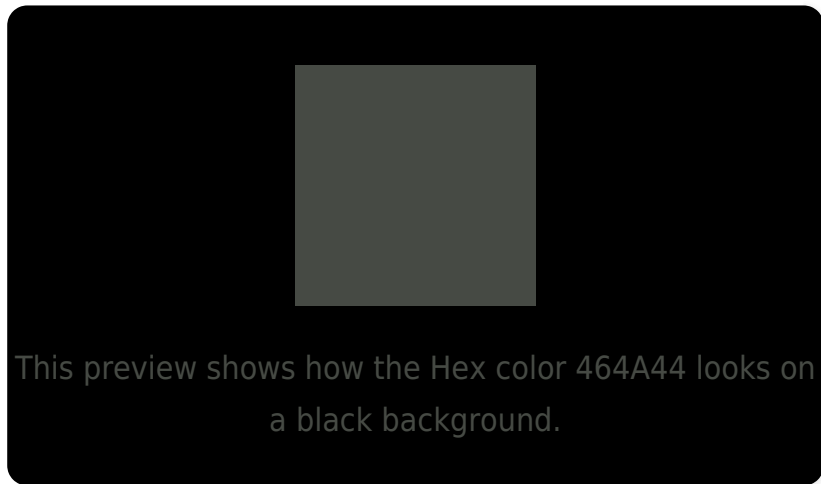
Large Text (above 18pt) WCAG AA ✓ Pass

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

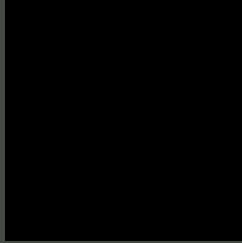
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

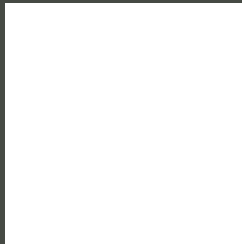
Any Text WCAG AAA × Fail

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

Hex 464A44 Background



This preview shows how black text looks on a background with the Hex color 464A44.



This preview shows how white text looks on a background with the Hex color 464A44.

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

464A44

Protanopia

4B4843

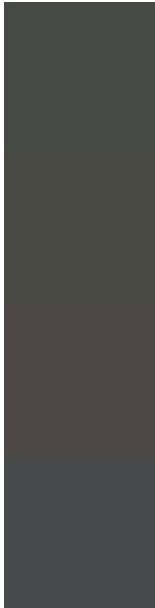
Deuteranopia

514645



Tritanopia
48484E

Trichromacy



Original Color

464A44

Protanomaly

494943

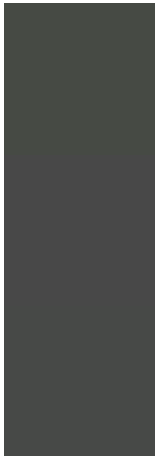
Deuteranomaly

4D4745

Tritanomaly

47494A

Monochromacy



Original Color

464A44

Achromatopsia

484848

Achromatomaly

474947

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A44 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 #464A44 looks like.

```
.text, #text, p{  
    color:#464A44  
}
```

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 #464A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A44
}
```

Border

The CSS property to change the border of an element to Hex 464A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

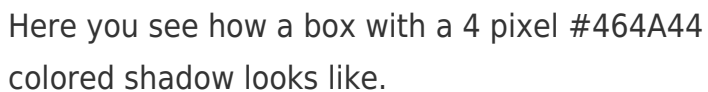
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A44 }
```

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

```
.border{ border-color:#464A44 }
```

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



Here you see how a box with a 4 pixel #464A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A44; -webkit-box-shadow:4px 4px  
4px 4px #464A44; box-shadow:4px 4px 4px  
4px #464A44 }
```

Background

The CSS property to change the background color of an element to Hex 464A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A44 }
```

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

```
.background{ background-color:#464A44 }
```

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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