

Converting Colors

Hex(4A4640)

Have a look what the booklet for
Hex(4A4640) contains.

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Color

Hex(4A4640)

Conversions

Conversions Part 1

Format	Color
Hex	4A4640
RGB	74, 70, 64
RGB Percent	29%, 27%, 25%
CMY	0.7098, 0.7255, 0.7490
CMYK	0.00, 0.05, 0.14, 0.71
HSL	36°, 7%, 27%
HSV	36°, 14%, 29%
XYZ	5.9396, 6.2063, 5.7354
YIQ	70.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

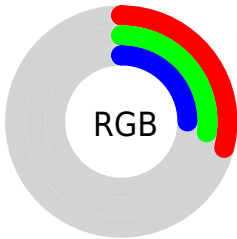
Format	Color
R_YB	71, 74, 64
Decimal	4867648
CIE Lab	29.93, 0.45, 4.21
CIE LCh	30, 4.237, 83.849
Yxy	6.2063, 0.3322, 0.3471
Android (android.graphics.Color)	4283057728 (0xFF4A4640)
YUV	70.5120, -3.2104, 3.0590
Hunter-Lab	24.9125, -1.0391, 3.7890

Details

The Hex color **4A4640** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40444A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B7670**, and **1E1B16** is the 20% darker color. If you saturate the color by 10%, you get **4A4339**, and if you desaturate by 10%, it is **4A4947**.

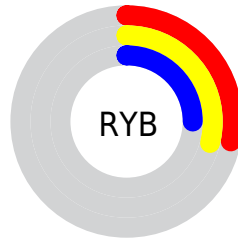
Distribution



Red (29%)

Green (27%)

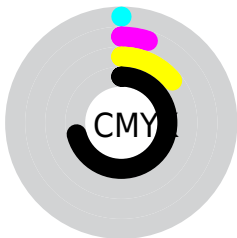
Blue (25%)



Red (28%)

Yellow (29%)

Blue (25%)

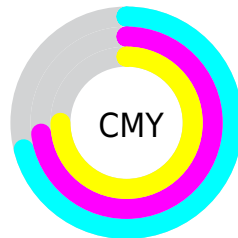


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4640 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 4A4640 by changing the saturation by 10% instead.

■ 4A4640

■ 4A4640

FFFFFF

■ 33302A

■ 7B7670

■ 1E1B16

■ 949089

■ 000000

■ AFAAA3

■ CBC6BE

■ E7E2DA

■ FFFE7

■ 4A4640

■ 4A4640

■ 4A4339

■ 4A4947

■ 4A4031

■ 4A4C4F

■ 4A3D2A

■ 4A4F56

■ 4A3A22

■ 4A525E

■ 4A371B

■ 4A5565

■ 4A3414

■ 4A586C

■ 4A310C

■ 4A5B74

■ 4A2E05

■ 4A5E7B

■ 4A2C00

■ 4A6183

Harmonies

Analogous

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



4D4541



4A4640



464740

Triad

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



4A4640



3E4849



4A454A

Complementary

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



4A4640



40444A

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.



46464C



4A4640



3F484C

Square

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



4A4640



404846



42474D



4D4447

Rectangle

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



4A4640



444842



42474D



49454B

Sweetspot

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



4A4640



615F5D



4A4044



302F2E



B0B0B0



303030

Same Dimension

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



4A4640



615B51



494A40



262522



663D00



E68A00

Inverse Universe

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



40444A



515861



41404A



222426



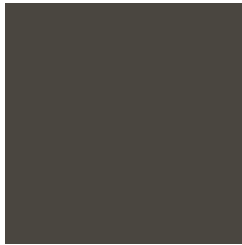
002966



005CE6

Previews

White Background



This preview shows how the Hex color 4A4640 looks on a white background.

Color Contrast Check

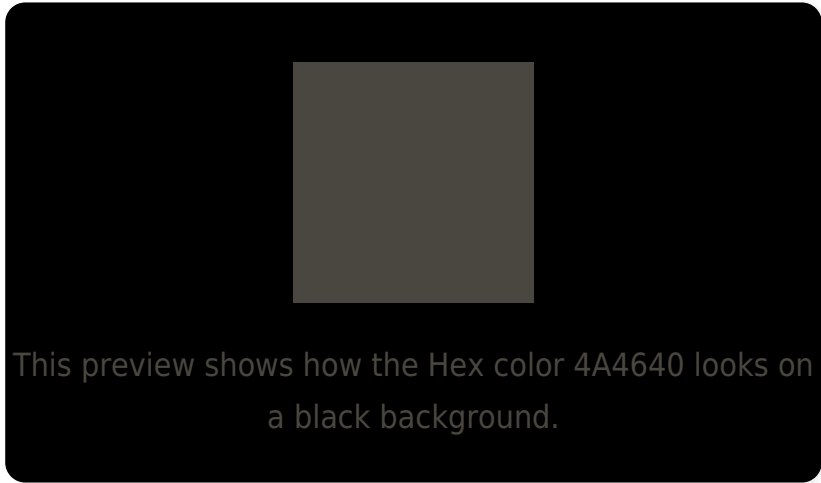
Large Text (above 18pt) WCAG AA ✓ Pass

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

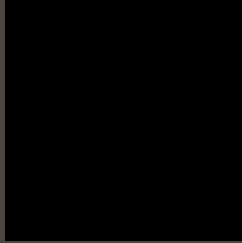
Any Text WCAG AA × Fail

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 4A4640 Background



This preview shows how black text looks on a background with the Hex color 4A4640.



This preview shows how white text looks on a background with the Hex color 4A4640.

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
4A4640

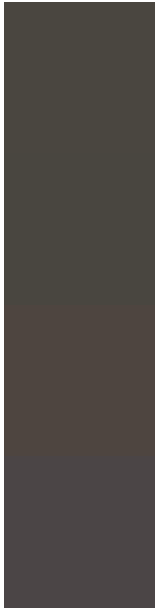
Protanopia
494640

Deuteranopia
504440



Tritanopia
4B454A

Trichromacy



Original Color

4A4640

Protanomaly

494640

Deuteranomaly

4E4540

Tritanomaly

4B4546

Monochromacy



Original Color

4A4640

Achromatopsia

474747

Achromatomaly

484744

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4640 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 #4A4640 looks like.

```
.text, #text, p{  
    color:#4A4640  
}
```

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 #4A4640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4640
}
```

Border

The CSS property to change the border of an element to Hex 4A4640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

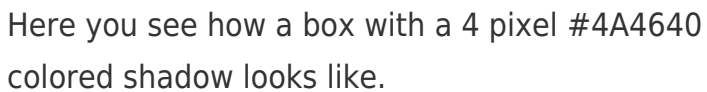
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4640 }
```

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

```
.border{ border-color:#4A4640 }
```

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



Here you see how a box with a 4 pixel #4A4640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4640; -webkit-box-shadow:4px 4px  
4px 4px #4A4640; box-shadow:4px 4px 4px  
4px #4A4640 }
```

Background

The CSS property to change the background color of an element to Hex 4A4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4640 }
```

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

```
.background{ background-color:#4A4640 }
```

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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