

Converting Colors

Hex(454B4A)

Have a look what the booklet for
Hex(454B4A) contains.

Hex(454B4A)	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(454B4A)

Conversions

Conversions Part 1

Format	Color
Hex	454B4A
RGB	69, 75, 74
RGB Percent	27%, 29%, 29%
CMY	0.7294, 0.7059, 0.7098
CMYK	0.08, 0.00, 0.01, 0.71
HSL	170°, 4%, 28%
HSV	170°, 8%, 29%
XYZ	6.2064, 6.7918, 7.4624
YIQ	73.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

Format	Color
RYB	69, 72, 75
Decimal	4541258
CIELab	31.33, -2.66, -0.25
CIELCh	31, 2.669, 185.306
Yxy	6.7918, 0.3033, 0.3319
Android (android.graphics.Color)	4282731338 (0xFF454B4A)
YUV	73.0920, 0.4476, -3.5887
Hunter-Lab	26.0610, -3.0976, 1.2654

Details

The Hex color **454B4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4546**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **757C7B**, and **1A1F1E** is the 20% darker color. If you saturate the color by 10%, you get **3E4B49**, and if you desaturate by 10%, it is **4D4B4B**.

Distribution



Red (27%)

Green (29%)

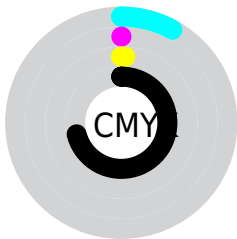
Blue (29%)



Red (27%)

Yellow (28%)

Blue (29%)

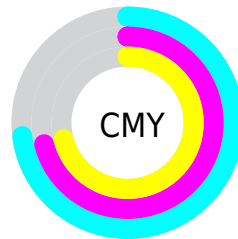


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454B4A 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 454B4A by changing the saturation by 10% instead.

■ 454B4A

■ 454B4A

FFFFFF

■ 2F3433

■ 757C7B

■ 1A1F1E

■ 8F9694

■ 000705

■ A9B0AF

■ 000000

■ C4CCCA

■ E0E8E6

FDFFFF

■ 454B4A

■ 454B4A

■ 3E4B49

■ 4D4B4B

■ 364B48

■ 544B4D

■ 2E4B46

■ 5C4B4E

■ 274B45

■ 634B4F

■ 1F4B44

■ 6B4B50

■ 184B43

■ 724B51

■ 104B41

■ 7A4B53

■ 094B40

■ 814B54

■ 014B3F

■ 894B55

Harmonies

Analogous

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



464B48



454B4A



454B4C

Triad

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



454B4A



4B494D



4D4946

Complementary

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



454B4A



4B4546

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.



4E4947



454B4A



4D494B

Square

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



454B4A



484A4E



4E4849



4B4A46

Rectangle

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



454B4A



454B4D



4E4849



4E4946

Sweetspot

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



454B4A



5F6161



464B45



2F3030



B0B0B0



303030

Same Dimension

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



454B4A



57615F



45494B



222626



006655



00E6BF

Inverse Universe

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



4B4546



615759



4B4745



262223



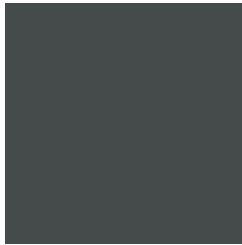
660011



E60026

Previews

White Background



This preview shows how the Hex color 454B4A looks on a white background.

Color Contrast Check

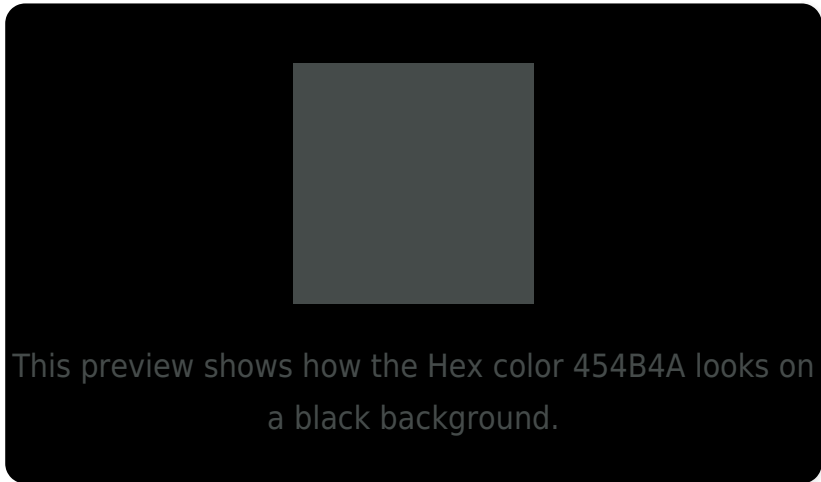
Large Text (above 18pt) WCAG AA ✓ Pass

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

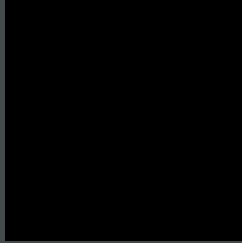
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

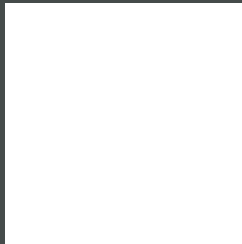
Any Text WCAG AAA × Fail

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

Hex 454B4A Background



This preview shows how black text looks on a background with the Hex color 454B4A.



This preview shows how white text looks on a background with the Hex color 454B4A.

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](#).

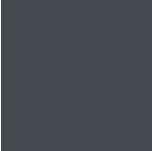
Dichromacy



Original Color
454B4A

Protanopia
4B4949

Deuteranopia
50474B



Tritanopia
464A50

Trichromacy



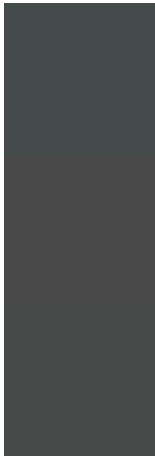
Original Color
454B4A

Protanomaly
494A49

Deuteranomaly
4C484B

Tritanomaly
464A4E

Monochromacy



Original Color
454B4A

Achromatopsia
494949

Achromatomaly
484A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 454B4A 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 #454B4A looks like.

```
.text, #text, p{  
    color:#454B4A  
}
```

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 #454B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454B4A
}
```

Border

The CSS property to change the border of an element to Hex 454B4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

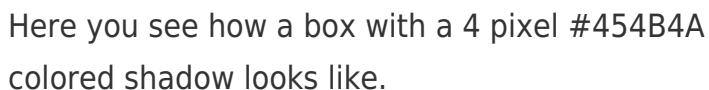
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454B4A }
```

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

```
.border{ border-color:#454B4A }
```

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



Here you see how a box with a 4 pixel #454B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454B4A; -webkit-box-shadow:4px 4px  
4px 4px #454B4A; box-shadow:4px 4px 4px  
4px #454B4A }
```

Background

The CSS property to change the background color of an element to Hex 454B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454B4A }
```

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

```
.background{ background-color:#454B4A }
```

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