

Converting Colors

Hex(454C4C)

Have a look what the booklet for
Hex(454C4C) contains.

Hex(454C4C)	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(454C4C)

Conversions

Conversions Part 1

Format	Color
Hex	454C4C
RGB	69, 76, 76
RGB Percent	27%, 30%, 30%
CMY	0.7294, 0.7020, 0.7020
CMYK	0.09, 0.00, 0.00, 0.70
HSL	180°, 5%, 28%
HSV	180°, 9%, 30%
XYZ	6.3432, 6.9559, 7.8458
YIQ	73.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

Format	Color
RYB	69, 73, 76
Decimal	4541516
CIELab	31.71, -2.82, -0.97
CIELCh	32, 2.982, 199.045
Yxy	6.9559, 0.3000, 0.3290
Android (android.graphics.Color)	4282731596 (0xFF454C4C)
YUV	73.9070, 1.0318, -4.3034
Hunter-Lab	26.3740, -3.2237, 0.8242

Details

The Hex color **454C4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C4545**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **757D7D**, and **1A2020** is the 20% darker color. If you saturate the color by 10%, you get **3D4C4C**, and if you desaturate by 10%, it is **4D4C4C**.

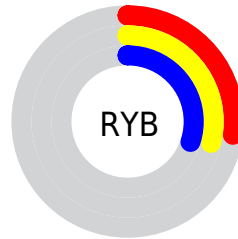
Distribution



Red (27%)

Green (30%)

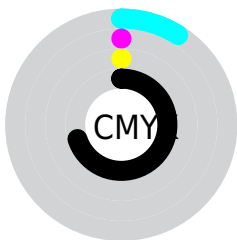
Blue (30%)



Red (27%)

Yellow (29%)

Blue (30%)

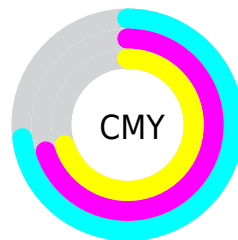


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454C4C 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 454C4C by changing the saturation by 10% instead.



454C4C



454C4C

FFFFFF



2F3535



757D7D



1A2020



8F9797



000908



A9B1B1



000000



C5CDCD



E0E9E9

FDFFFF



454C4C



454C4C



3D4C4C



4D4C4C

■ 364C4C

■ 544C4C

■ 2E4C4C

■ 5C4C4C

■ 274C4C

■ 634C4C

■ 1F4C4C

■ 6B4C4C

■ 174C4C

■ 734C4C

■ 104C4C

■ 7A4C4C

■ 084C4C

■ 824C4C

■ 014C4C

■ 894C4C

Harmonies

Analogous

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



464C4A



454C4C



454C4E

Triad

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



454C4C



4D4A4E



4E4A46

Complementary

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



454C4C



4C4545

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.



4F4947



454C4C



4F494C

Square

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



454C4C



4A4A4F



504949



4B4B46

Rectangle

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



454C4C



474B4F



504949



4E4A46

Sweetspot

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



454C4C



606363



454C45



313333



B3B3B3



333333

Same Dimension

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



454C4C



596363



45494C



222626



006666



00E6E6

Inverse Universe

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



4C454C



635963



4C4945



262226



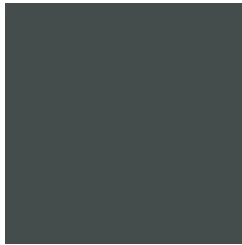
660066



E600E6

Previews

White Background



This preview shows how the Hex color 454C4C looks on a white background.

Color Contrast Check

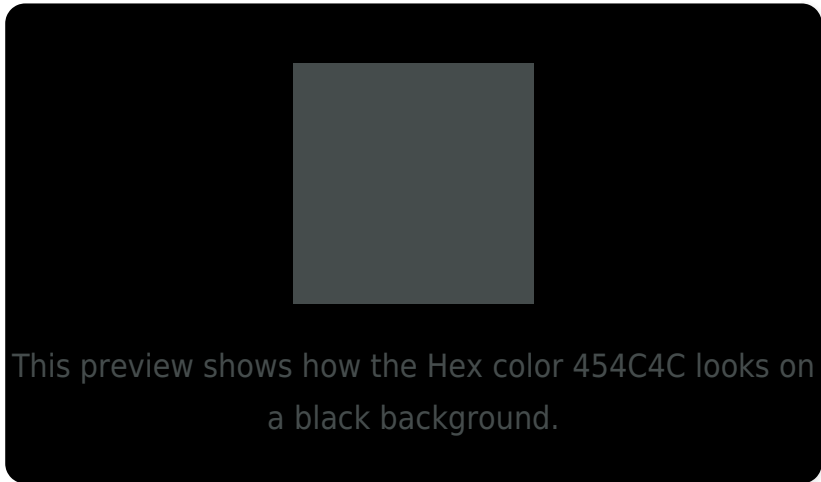
Large Text (above 18pt) WCAG AA ✓ Pass

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

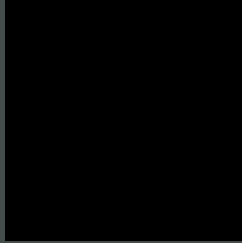
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

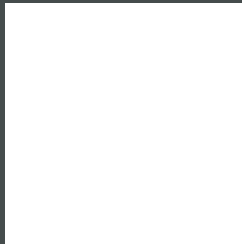
Any Text WCAG AAA × Fail

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

Hex 454C4C Background



This preview shows how black text looks on a background with the Hex color 454C4C.



This preview shows how white text looks on a background with the Hex color 454C4C.

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
454C4C

Protanopia
4C4A4B

Deuteranopia
51484D



Tritanopia
464B51

Trichromacy



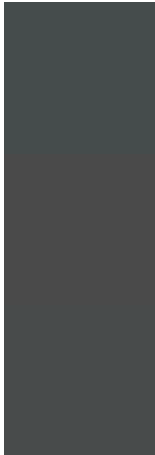
Original Color
454C4C

Protanomaly
494B4B

Deuteranomaly
4D494D

Tritanomaly
464B4F

Monochromacy



Original Color
454C4C

Achromatopsia
4A4A4A

Achromatomaly
484B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 454C4C 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 #454C4C looks like.

```
.text, #text, p{  
    color:#454C4C  
}
```

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 #454C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454C4C
}
```

Border

The CSS property to change the border of an element to Hex 454C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

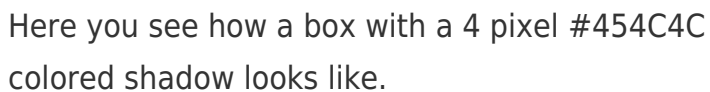
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454C4C }
```

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

```
.border{ border-color:#454C4C }
```

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



Here you see how a box with a 4 pixel #454C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454C4C; -webkit-box-shadow:4px 4px  
4px 4px #454C4C; box-shadow:4px 4px 4px  
4px #454C4C }
```

Background

The CSS property to change the background color of an element to Hex 454C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454C4C }
```

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

```
.background{ background-color:#454C4C }
```

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