

Converting Colors

Hex(454C48)

Have a look what the booklet for
Hex(454C48) contains.

Hex(454C48)	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(454C48)

Conversions

Conversions Part 1

Format	Color
Hex	454C48
RGB	69, 76, 72
RGB Percent	27%, 30%, 28%
CMY	0.7294, 0.7020, 0.7176
CMYK	0.09, 0.00, 0.05, 0.70
HSL	146°, 5%, 28%
HSV	146°, 9%, 30%
XYZ	6.2084, 6.9020, 7.1359
YIQ	73.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

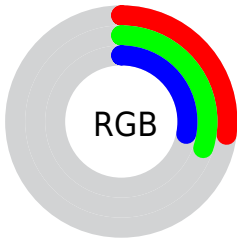
Format	Color
RYB	69, 74, 76
Decimal	4541512
CIELab	31.58, -3.73, 1.40
CIElCh	32, 3.988, 159.393
Yxy	6.9020, 0.3066, 0.3409
Android (android.graphics.Color)	4282731592 (0xFF454C48)
YUV	73.4510, -0.7153, -3.9035
Hunter-Lab	26.2716, -3.7930, 2.2858

Details

The Hex color **454C48** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C4549**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **757D78**, and **1A201D** is the 20% darker color. If you saturate the color by 10%, you get **3D4C44**, and if you desaturate by 10%, it is **4D4C4C**.

Distribution



Red (27%)

Green (30%)

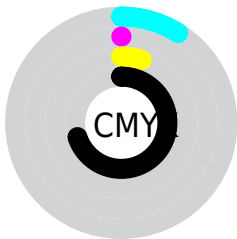
Blue (28%)



Red (27%)

Yellow (29%)

Blue (30%)

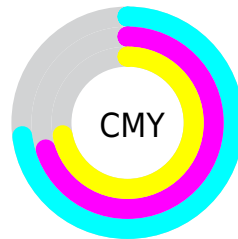


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454C48 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 454C48 by changing the saturation by 10% instead.

■ 454C48

■ 454C48

FFFFFF

■ 2F3532

■ 757D78

■ 1A201D

■ 8F9792

■ 000902

■ A9B1AD

■ 000000

■ C4CDC8

■ E0E9E4

FDFFFF

■ 454C48

■ 454C48

■ 3D4C44

■ 4D4C4C

■ 364C3F

■ 544C51

■ 2E4C3B

■ 5C4C55

■ 274C37

■ 634C59

■ 1F4C32

■ 6B4C5E

■ 174C2E

■ 734C62

■ 104C2A

■ 7A4C66

■ 084C25

■ 824C6B

■ 014C21

■ 894C6F

Harmonies

Analogous

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



484B45



454C48



434C4B

Triad

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



454C48



484A50



514946

Complementary

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



454C48



4C4549

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.



514849



454C48



4C494F

Square

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



454C48



454B50



4F484D



4F4945

Rectangle

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



454C48



434C4D



4F484D



514847

Sweetspot

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



454C48



606362



494C45



313332



B3B3B3



333333

Same Dimension

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



454C48



59635D



454C4B



222624



00662C



00E662

Inverse Universe

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



4C4549



63595F



4C4546



262225



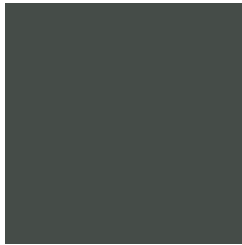
66003A



E60083

Previews

White Background



This preview shows how the Hex color 454C48 looks on a white background.

Color Contrast Check

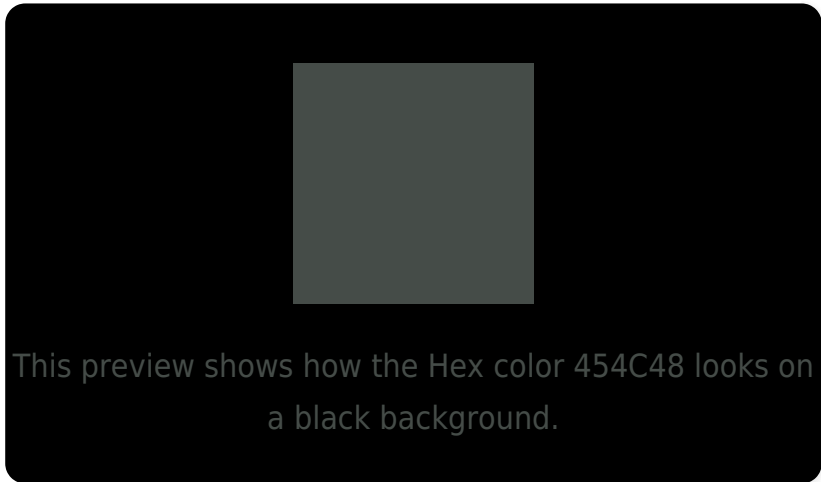
Large Text (above 18pt) WCAG AA ✓ Pass

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

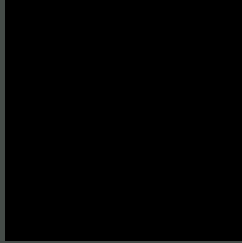
Any Text WCAG AA × Fail

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 454C48 Background



This preview shows how black text looks on a background with the Hex color 454C48.

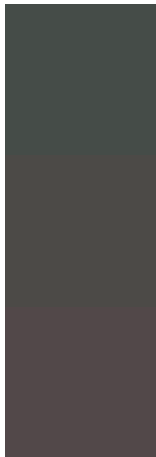


This preview shows how white text looks on a background with the Hex color 454C48.

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
454C48

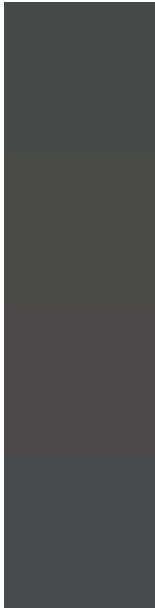
Protanopia
4C4A47

Deuteranopia
524849



Tritanopia
464B51

Trichromacy



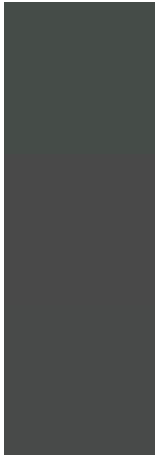
Original Color
454C48

Protanomaly
494B47

Deuteranomaly
4D4949

Tritanomaly
464B4E

Monochromacy



Original Color
454C48

Achromatopsia
494949

Achromatomaly
484A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 454C48 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 #454C48 looks like.

```
.text, #text, p{  
    color:#454C48  
}
```

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 #454C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454C48
}
```

Border

The CSS property to change the border of an element to Hex 454C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

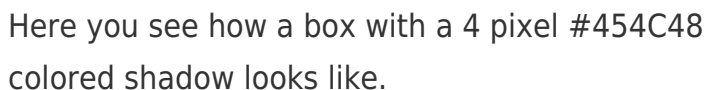
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454C48 }
```

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

```
.border{ border-color:#454C48 }
```

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



Here you see how a box with a 4 pixel #454C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454C48; -webkit-box-shadow:4px 4px  
4px 4px #454C48; box-shadow:4px 4px 4px  
4px #454C48 }
```

Background

The CSS property to change the background color of an element to Hex 454C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454C48 }
```

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

```
.background{ background-color:#454C48 }
```

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