

Converting Colors

Hex(454F4F)

Have a look what the booklet for
Hex(454F4F) contains.

Hex(454F4F)	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(454F4F)

Conversions

Conversions Part 1

Format	Color
Hex	454F4F
RGB	69, 79, 79
RGB Percent	27%, 31%, 31%
CMY	0.7294, 0.6902, 0.6902
CMYK	0.13, 0.00, 0.00, 0.69
HSL	180°, 7%, 29%
HSV	180°, 13%, 31%
XYZ	6.6615, 7.4217, 8.4786
YIQ	76.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

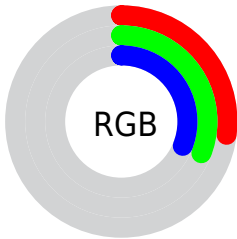
Format	Color
RYB	69, 74, 79
Decimal	4542287
CIELab	32.75, -3.97, -1.36
CIElCh	33, 4.198, 198.853
Yxy	7.4217, 0.2953, 0.3289
Android (android.graphics.Color)	4282732367 (0xFF454F4F)
YUV	76.0100, 1.4741, -6.1478
Hunter-Lab	27.2428, -4.0273, 0.6176

Details

The Hex color **454F4F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4545**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **758080**, and **1A2323** is the 20% darker color. If you saturate the color by 10%, you get **3D4F4F**, and if you desaturate by 10%, it is **4D4F4F**.

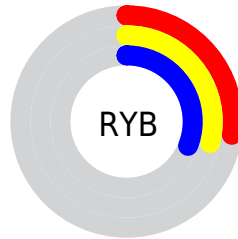
Distribution



 Red (27%)

 Green (31%)

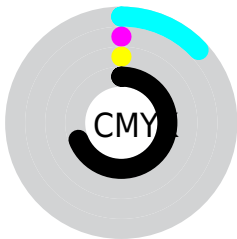
 Blue (31%)




 Red (27%)

 Yellow (29%)

 Blue (31%)

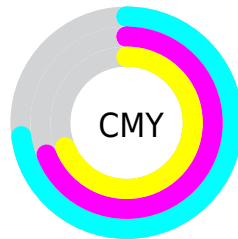


 Cyan (13%)

 Magenta (0%)

 Yellow (0%)

 Black (69%)



 Cyan (73%)

 Magenta (69%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454F4F 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 454F4F by changing the saturation by 10% instead.



454F4F



454F4F

FFFFFF



2F3838



758080



1A2323



8F9A9A



000D0D



A9B5B5



000000



C5D0D0



E1EDED

FDFFFF



454F4F



454F4F



3D4F4F



4D4F4F

■ 354F4F

■ 554F4F

■ 2D4F4F

■ 5D4F4F

■ 254F4F

■ 654F4F

■ 1D4F4F

■ 6C4F4F

■ 164F4F

■ 744F4F

■ 0E4F4F

■ 7C4F4F

■ 064F4F

■ 844F4F

■ 004F4F

■ 8C4F4F

Harmonies

Analogous

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



474F4C



454F4F



464F52

Triad

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



454F4F



504C51



514C47

Complementary

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



454F4F



4F4545

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.



544B48



454F4F



534B4E

Square

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



454F4F



4C4D53



544B4B



4E4D47

Rectangle

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



454F4F



474E53



544B4B



524C47

Sweetspot

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



454F4F



626666



454F45



303333



B3B3B3



333333

Same Dimension

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



454F4F



576666



454A4F



222626



006666



00E6E6

Inverse Universe

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



4F454F



665766



4F4A45



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 454F4F looks on a white background.

Color Contrast Check

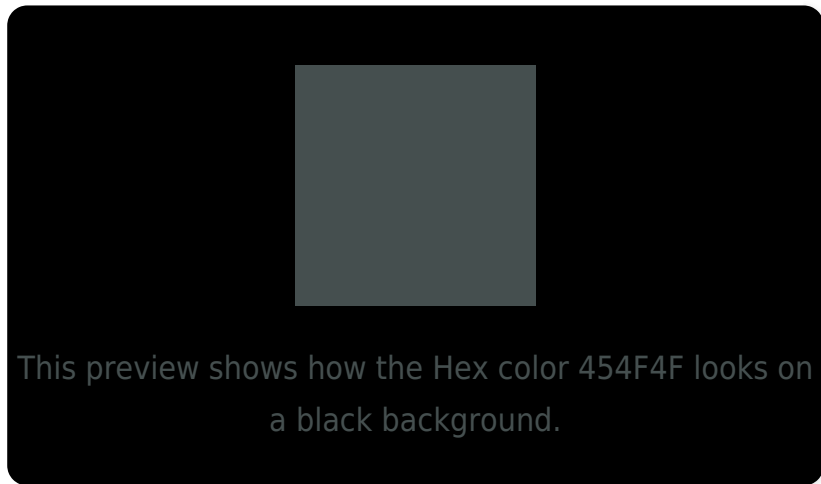
Large Text (above 18pt) WCAG AA ✓ Pass

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

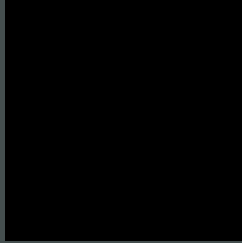
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

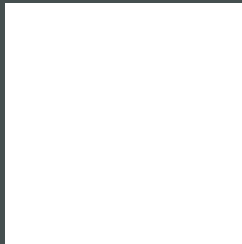
Any Text WCAG AAA × Fail

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

Hex 454F4F Background



This preview shows how black text looks on a background with the Hex color 454F4F.

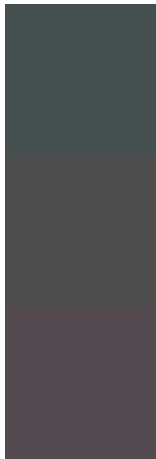


This preview shows how white text looks on a background with the Hex color 454F4F.

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](#).

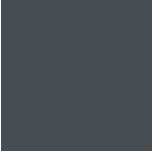
Dichromacy



Original Color
454F4F

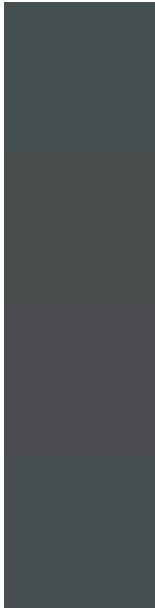
Protanopia
4E4D4E

Deuteranopia
534B50



Tritanopia
464E54

Trichromacy



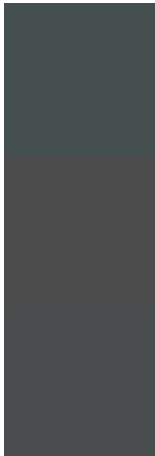
Original Color
454F4F

Protanomaly
4B4E4E

Deuteranomaly
4E4C50

Tritanomaly
464E52

Monochromacy



Original Color
454F4F

Achromatopsia
4C4C4C

Achromatomaly
494D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 454F4F 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 #454F4F looks like.

```
.text, #text, p{  
    color:#454F4F  
}
```

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 #454F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454F4F
}
```

Border

The CSS property to change the border of an element to Hex 454F4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

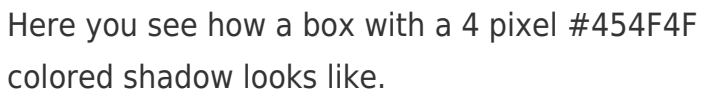
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454F4F }
```

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

```
.border{ border-color:#454F4F }
```

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



Here you see how a box with a 4 pixel #454F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454F4F; -webkit-box-shadow:4px 4px  
4px 4px #454F4F; box-shadow:4px 4px 4px  
4px #454F4F }
```

Background

The CSS property to change the background color of an element to Hex 454F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454F4F }
```

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

```
.background{ background-color:#454F4F }
```

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