

# Converting Colors

Hex(4F454A)

Have a look what the booklet for  
Hex(4F454A) contains.

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# Color

**Hex(4F454A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F454A
RGB	79, 69, 74
RGB Percent	31%, 27%, 29%
CMY	0.6902, 0.7294, 0.7098
CMYK	0.00, 0.13, 0.06, 0.69
HSL	330°, 7%, 29%
HSV	330°, 13%, 31%
XYZ	6.5886, 6.4129, 7.3691
YIQ	72.5600, 4.3550, 3.6750

# Conversions

## Conversions Part 2

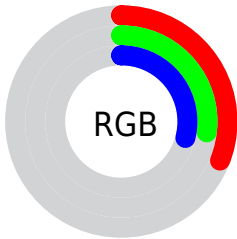
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 69, 74
Decimal	5195082
CIE Lab	30.43, 5.26, -1.45
CIE LCh	30, 5.456, 344.580
Yxy	6.4129, 0.3234, 0.3148
Android (android.graphics.Color)	4283385162 (0xFF4F454A)
YUV	72.5600, 0.7099, 5.6479
Hunter-Lab	25.3237, 2.1247, 0.4734

# Details

The Hex color **4F454A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454F4A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **80757B**, and **231A1E** is the 20% darker color. If you saturate the color by 10%, you get **4F3D46**, and if you desaturate by 10%, it is **4F4D4E**.

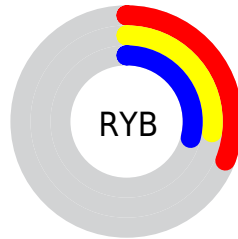
# Distribution



 Red (31%)

 Green (27%)

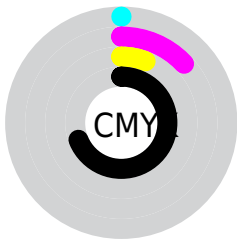
 Blue (29%)



 Red (31%)

 Yellow (27%)

 Blue (29%)

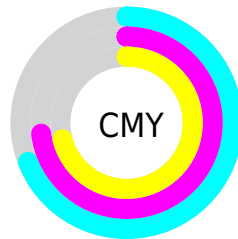


 Cyan (0%)

 Magenta (13%)

 Yellow (6%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F454A 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 4F454A by changing the saturation by 10% instead.





4F454A



4F454A

FFFFFF



382F33



80757B



231A1E



9A8F94



0D0005



B5A9AF



000000



D1C4CA



EDE0E6



FFDFDF



4F454A



4F454A



4F3D46



4F4D4E

■ 4F3542

■ 4F5552

■ 4F2D3E

■ 4F5D56

■ 4F253A

■ 4F655A

■ 4F1D36

■ 4F6C5E

■ 4F1632

■ 4F7462

■ 4F0E2E

■ 4F7C66

■ 4F062A

■ 4F846A

■ 4F0028

■ 4F8C6E

# Harmonies

## Analogous

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



4B464E



4F454A



514546

# Triad

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



4F454A



49483F



3E4A4D

# Complementary

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



4F454A



454F4A

# 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.



3D4A4A



4F454A



444942

# Square

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



4F454A



4D4740



404A45



414950

# Rectangle

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



4F454A



514543



404A45



3D4A4C



# Sweetspot

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



4F454A



666264



4A454F



333032



B3B3B3



333333



# Same Dimension

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



4F454A



66575E



4F4545



262224



660033



E60073



# Inverse Universe

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



4F454A



66575E



454F4F



262224



660033

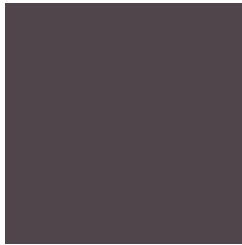


E60073



# Previews

## White Background



This preview shows how the Hex color 4F454A looks on a white background.

## Color Contrast Check

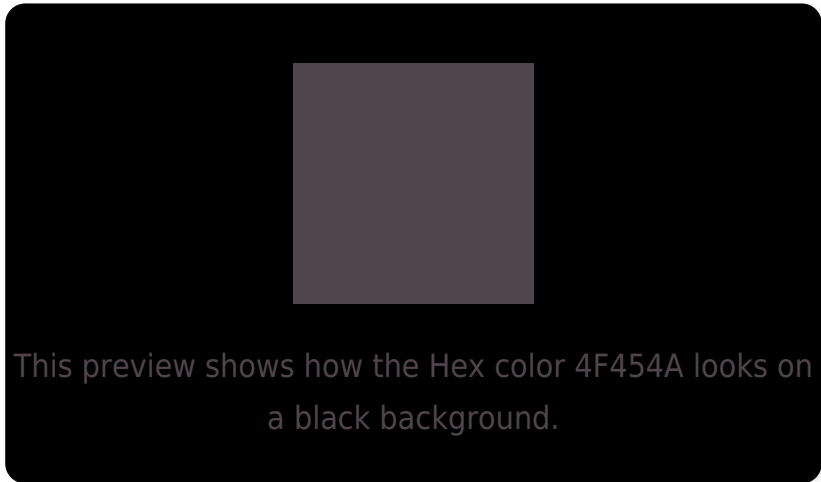
Large Text (above 18pt) WCAG AA ✓ Pass

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

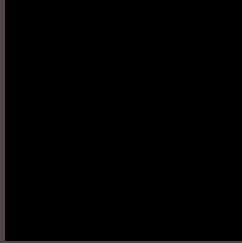
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F454A Background



This preview shows how black text looks on a background with the Hex color 4F454A.

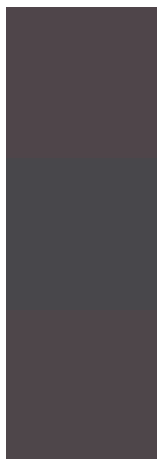


This preview shows how white text looks on a background with the Hex color 4F454A.

# 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**

4F454A

**Protanopia**

48474B

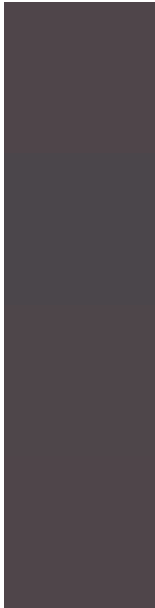
**Deuteranopia**

4E464A



**Tritanopia**  
4F454A

# Trichromacy



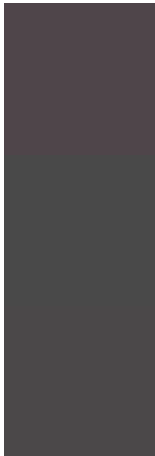
**Original Color**  
4F454A

**Protanomaly**  
4B464B

**Deuteranomaly**  
4E464A

**Tritanomaly**  
4F454A

# Monochromacy



**Original Color**  
4F454A

**Achromatopsia**  
494949

**Achromatomaly**  
4B4849

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F454A 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 #4F454A looks like.

```
.text, #text, p{  
    color:#4F454A  
}
```

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 #4F454A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F454A
}
```

## Border

The CSS property to change the border of an element to Hex 4F454A is called "border". The border property can be set on classes, ids or directly on the HTML element.

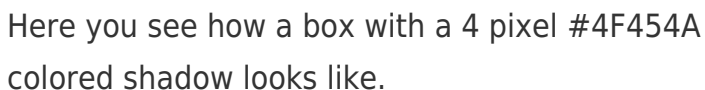
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F454A }
```

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

```
.border{ border-color:#4F454A }
```

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



Here you see how a box with a 4 pixel #4F454A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F454A; -webkit-box-shadow:4px 4px  
4px 4px #4F454A; box-shadow:4px 4px 4px  
4px #4F454A }
```

# Background

The CSS property to change the background color of an element to Hex 4F454A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F454A }
```

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

```
.background{ background-color:#4F454A }
```

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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