

# Converting Colors

Hex(4F4759)

Have a look what the booklet for  
Hex(4F4759) contains.

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# Color

**Hex(4F4759)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4759
RGB	79, 71, 89
RGB Percent	31%, 28%, 35%
CMY	0.6902, 0.7216, 0.6510
CMYK	0.11, 0.20, 0.00, 0.65
HSL	267°, 11%, 31%
HSV	267°, 20%, 35%
XYZ	7.2809, 6.8900, 10.3974
YIQ	75.4440, -1.0100, 7.2940

# Conversions

## Conversions Part 2

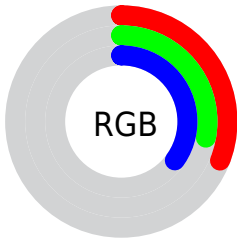
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 71, 89
Decimal	5195609
CIE Lab	31.56, 7.37, -9.42
CIE LCh	32, 11.963, 308.030
Yxy	6.8900, 0.2964, 0.2804
Android (android.graphics.Color)	4283385689 (0xFF4F4759)
YUV	75.4440, 6.6831, 3.1186
Hunter-Lab	26.2488, 3.5766, -5.1110

# Details

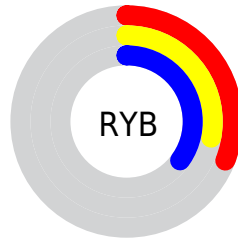
The Hex color **4F4759** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **515947**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **80778B**, and **221C2B** is the 20% darker color. If you saturate the color by 10%, you get **4A3E59**, and if you desaturate by 10%, it is **545059**.

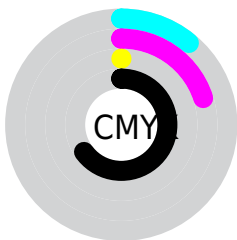
# Distribution



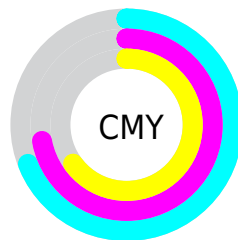
- Red (31%)
- Green (28%)
- Blue (35%)



- Red (31%)
- Yellow (28%)
- Blue (35%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (72%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4759 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 4F4759 by changing the saturation by 10% instead.





4F4759



4F4759

FFFFFF



383142



80778B



221C2B



9A91A5



0E0117



B5ACC0



000000



D1C7DC



EDE3F9



4F4759



4F4759



4A3E59



545059



453559



595959

■ 402C59

■ 5E6259

■ 3B2359

■ 636B59

■ 361B59

■ 687359

■ 311259

■ 6D7C59

■ 2C0959

■ 728559

■ 280059

■ 778E59

■ 7B9759

# Harmonies

## Analogous

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



434A5D



4F4759



594451

# Triad

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



4F4759



574739



32504D

# Complementary

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



4F4759



515947

# 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.



3A4F43



4F4759



4F4A38

# Square

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



4F4759



5D453F



444D3B



304F55

# Rectangle

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



4F4759



5C444B



444D3B



345049



# Sweetspot

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



4F4759



6F6C73



475159



38373B



BABABA



3B3B3B



# Same Dimension

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



4F4759



635773



584759



29272B



30006B



6800EB



# Inverse Universe

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



594751



735767



485947



2B2729



6B003B



EB0082



# Previews

## White Background



This preview shows how the Hex color 4F4759 looks on a white background.

## Color Contrast Check

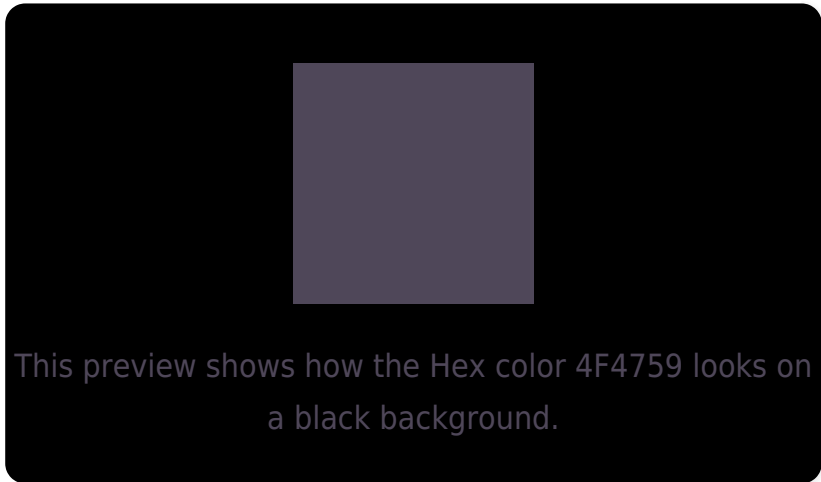
Large Text (above 18pt) WCAG AA ✓ Pass

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

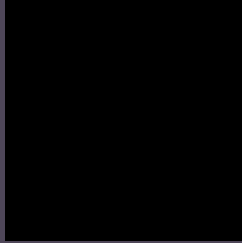
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F4759 Background



This preview shows how black text looks on a background with the Hex color 4F4759.



This preview shows how white text looks on a background with the Hex color 4F4759.

# 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**


4F4759

**Protanopia**

464A5B

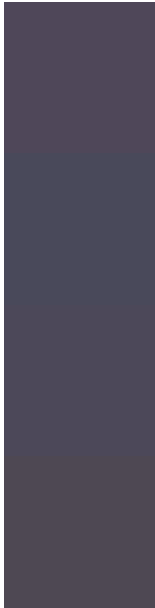
**Deuteranopia**

4A4959



**Tritanopia**  
4D494F

# Trichromacy



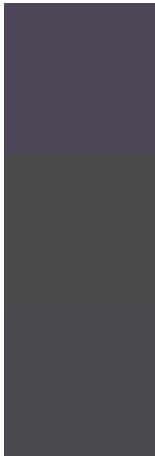
**Original Color**  
4F4759

**Protanomaly**  
49495A

**Deuteranomaly**  
4C4859

**Tritanomaly**  
4E4853

# Monochromacy



**Original Color**  
4F4759

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4C4A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4759 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 #4F4759 looks like.

```
.text, #text, p{  
    color:#4F4759  
}
```

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 #4F4759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4759  
}
```

## Border

The CSS property to change the border of an element to Hex 4F4759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

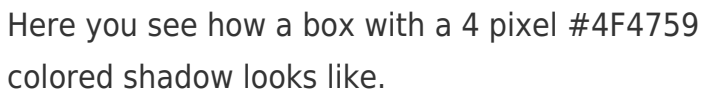
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4F4759 }
```

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

```
.border{ border-color:#4F4759 }
```

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



Here you see how a box with a 4 pixel #4F4759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4759; -webkit-box-shadow:4px 4px  
4px 4px #4F4759; box-shadow:4px 4px 4px  
4px #4F4759 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4759 }
```

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

```
.background{ background-color:#4F4759 }
```

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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