

# Converting Colors

Hex(4F564F)

Have a look what the booklet for  
Hex(4F564F) contains.

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# Color

**Hex(4F564F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F564F
RGB	79, 86, 79
RGB Percent	31%, 34%, 31%
CMY	0.6902, 0.6627, 0.6902
CMYK	0.08, 0.00, 0.08, 0.66
HSL	120°, 4%, 32%
HSV	120°, 8%, 34%
XYZ	7.9635, 8.8824, 8.6919
YIQ	83.1090, -1.9250, -3.6610

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 86, 86
Decimal	5199439
CIELab	35.76, -4.30, 3.12
CIELCh	36, 5.313, 144.036
Yxy	8.8824, 0.3118, 0.3478
Android (android.graphics.Color)	4283389519 (0xFF4F564F)
YUV	83.1090, -2.0257, -3.6036
Hunter-Lab	29.8033, -4.4600, 3.5709

# Details

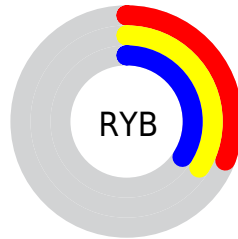
The Hex color **4F564F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564F56**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **808880**, and **232923** is the 20% darker color. If you saturate the color by 10%, you get **465646**, and if you desaturate by 10%, it is **585658**.

# Distribution



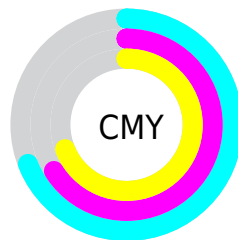
- Red (31%)
- Green (34%)
- Blue (31%)



- Red (31%)
- Yellow (34%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (66%)



- Cyan (69%)
- Magenta (66%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F564F 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 4F564F by changing the saturation by 10% instead.





4F564F



4F564F

FFFFFF



383F38



808880



232923



9AA29A



0D150D



B5BDB5



000000



D0D9D0



EDF5ED



4F564F



4F564F



465646



585658



3E563E



605660

■ 355635

■ 695669

■ 2D562D

■ 715671

■ 245624

■ 7A567A

■ 1B561B

■ 835683

■ 135613

■ 8B568B

■ 0A560A

■ 945694

■ 025602

■ 9C569C

# Harmonies

## Analogous

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



54554C



4F564F



4B5753

# Triad

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



4F564F



4F555C



5D5151

# Complementary

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



4F564F



564F56

# 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.



5C5155



4F564F



54535C

# Square

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



4F564F



4B565B



595259



5C524D

# Rectangle

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



4F564F



4A5756



595259



5D5152



# Sweetspot

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



4F564F



6E706E



56564F



373837



B8B8B8



383838



# Same Dimension

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



4F564F



657065



4F5653



272B27



006B00



00EB00



# Inverse Universe

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



564F56



706570



564F53



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 4F564F looks on a white background.

## Color Contrast Check

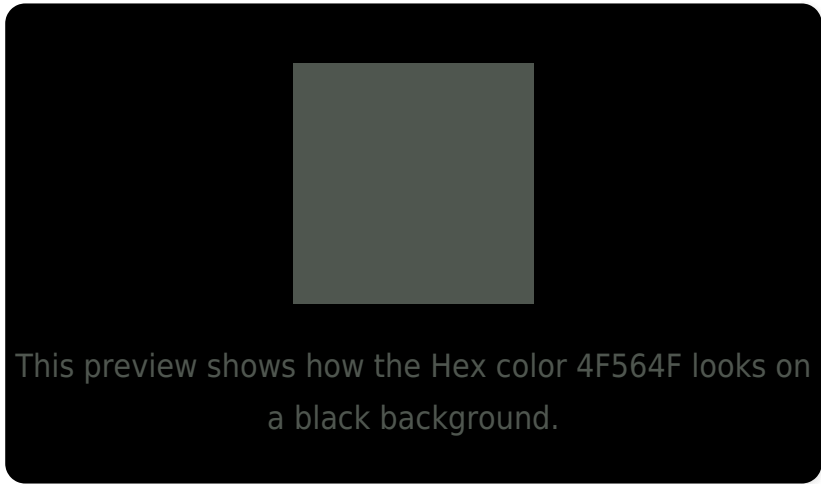
Large Text (above 18pt) WCAG AA ✓ Pass

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

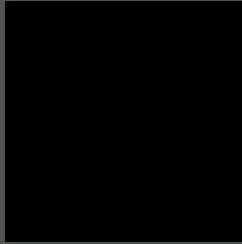
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

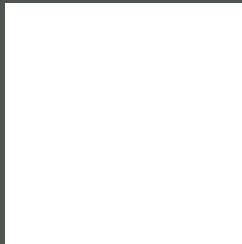
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F564F Background



This preview shows how black text looks on a background with the Hex color 4F564F.



This preview shows how white text looks on a background with the Hex color 4F564F.

# 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**  
4F564F

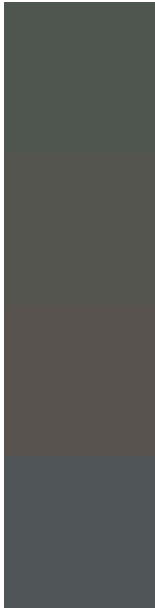
**Protanopia**  
57544E

**Deuteranopia**  
5E5150



**Tritanopia**  
51545B

# Trichromacy



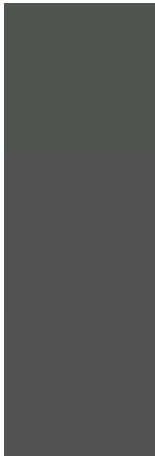
**Original Color**  
4F564F

**Protanomaly**  
54554E

**Deuteranomaly**  
595350

**Tritanomaly**  
505557

# Monochromacy



**Original Color**  
4F564F

**Achromatopsia**  
535353

**Achromatomaly**  
525452

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F564F 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 #4F564F looks like.

```
.text, #text, p{  
    color:#4F564F  
}
```

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 #4F564F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F564F
}
```

## Border

The CSS property to change the border of an element to Hex 4F564F is called "border". The border property can be set on classes, ids or directly on the HTML element.

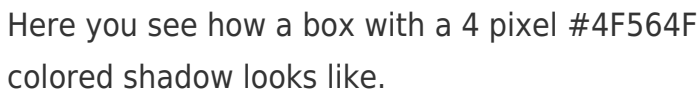
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F564F }
```

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

```
.border{ border-color:#4F564F }
```

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



Here you see how a box with a 4 pixel #4F564F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F564F; -webkit-box-shadow:4px 4px  
4px 4px #4F564F; box-shadow:4px 4px 4px  
4px #4F564F }
```

# Background

The CSS property to change the background color of an element to Hex 4F564F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F564F }
```

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

```
.background{ background-color:#4F564F }
```

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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