

# Converting Colors

Hex(4E644F)

Have a look what the booklet for  
Hex(4E644F) contains.

<b>Hex(4E644F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4E644F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E644F
RGB	78, 100, 79
RGB Percent	31%, 39%, 31%
CMY	0.6941, 0.6078, 0.6902
CMYK	0.22, 0.00, 0.21, 0.61
HSL	123°, 12%, 35%
HSV	123°, 22%, 39%
XYZ	9.1103, 11.2986, 9.0978
YIQ	91.0280, -6.3710, -11.1950

# Conversions

## Conversions Part 2

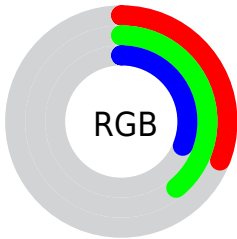
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 99, 100
Decimal	5137487
CIELab	40.08, -12.89, 9.25
CIElCh	40, 15.871, 144.341
Yxy	11.2986, 0.3088, 0.3829
Android (android.graphics.Color)	4283327567 (0xFF4E644F)
YUV	91.0280, -5.9298, -11.4256
Hunter-Lab	33.6133, -10.4438, 7.4819

# Details

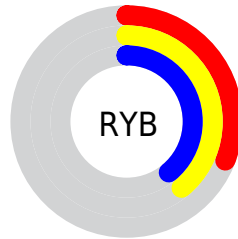
The Hex color **4E644F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644E63**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7F9780**, and **213523** is the 20% darker color. If you saturate the color by 10%, you get **446445**, and if you desaturate by 10%, it is **586459**.

# Distribution



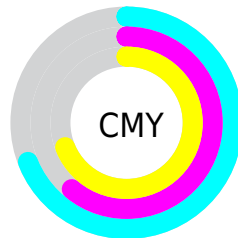
- Red (31%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (39%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)



- Cyan (69%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E644F 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 4E644F by changing the saturation by 10% instead.





4E644F



4E644F

FFFFFF



374C38



7F9780



213523



9AB29A



0D200D



B4CDB5



000100



D0E9D1



000000



ECFFED



4E644F



4E644F



446445



586459



3A643C



626462

 306432

 6C646C

 266429

 766475

 1C641F

 80647F

 126416

 8A6488

 08640C

 946492

 006405

 9E649B

 A864A5

# Harmonies

## Analogous

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



5D6147



4E644F



41665B

# Triad

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



4E644F



4B6078



795654

# Complementary

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



4E644F



644E63

# 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.



765561



4E644F



5D5C76

# Square

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



4E644F



3D6473



6D586E



74594A

# Rectangle

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



4E644F



3A6664



6D586E



795559



# Sweetspot

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



4E644F



798279



63644E



3D423D



C2C2C2



424242



# Same Dimension

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



4E644F



608262



4E645A



2E332E



007305



00F20B



# Inverse Universe

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



644E63



826081



644E58



332E33



73006E

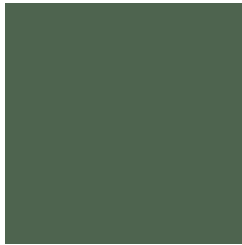


F200E7



# Previews

## White Background



This preview shows how the Hex color 4E644F looks on a white background.

## Color Contrast Check

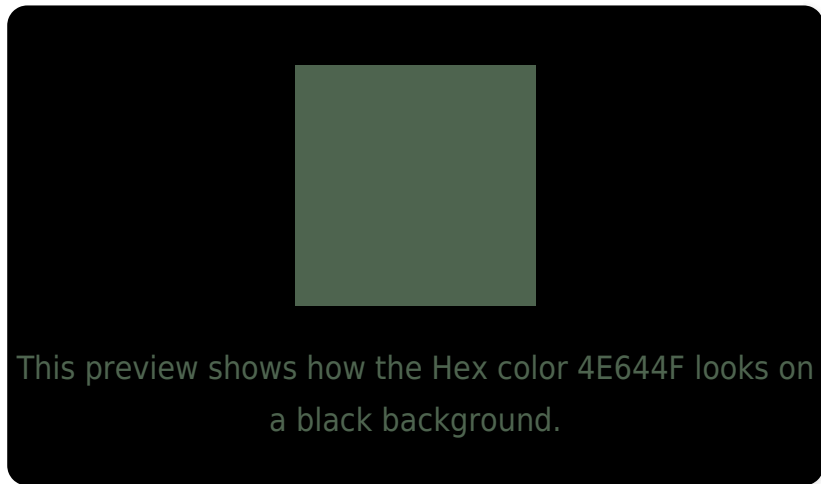
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

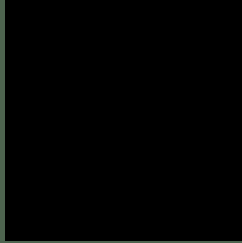
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E644F Background



This preview shows how black text looks on a background with the Hex color 4E644F.



This preview shows how white text looks on a background with the Hex color 4E644F.

# 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**  
4E644F

**Protanopia**  
645E4C

**Deuteranopia**  
6C5B51



**Tritanopia**  
526168

# Trichromacy



**Original Color**  
4E644F

**Protanomaly**  
5C604D

**Deuteranomaly**  
615E50

**Tritanomaly**  
51625F

# Monochromacy



**Original Color**  
4E644F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
565E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E644F 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 #4E644F looks like.

```
.text, #text, p{  
    color:#4E644F  
}
```

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 #4E644F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E644F
}
```

## Border

The CSS property to change the border of an element to Hex 4E644F 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
#4E644F }
```

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

```
.border{ border-color:#4E644F }
```

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

Here you see how a box with a 4 pixel #4E644F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E644F; -webkit-box-shadow:4px 4px  
4px 4px #4E644F; box-shadow:4px 4px 4px  
4px #4E644F }
```

# Background

The CSS property to change the background color of an element to Hex 4E644F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E644F }
```

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

```
.background{ background-color:#4E644F }
```

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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