

# Converting Colors

Hex(6E3E63)

Have a look what the booklet for  
Hex(6E3E63) contains.

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# Color

**Hex(6E3E63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E3E63
RGB	110, 62, 99
RGB Percent	43%, 24%, 39%
CMY	0.5686, 0.7569, 0.6118
CMYK	0.00, 0.44, 0.10, 0.57
HSL	314°, 28%, 34%
HSV	314°, 44%, 43%
XYZ	10.4052, 7.6611, 12.7347
YIQ	80.5700, 16.7310, 21.6830

# Conversions

## Conversions Part 2

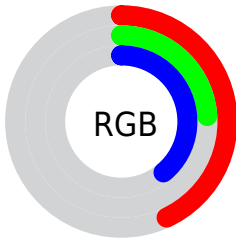
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 62, 99
Decimal	7224931
CIE <sub>Lab</sub>	33.27, 26.83, -12.86
CIE <sub>LCh</sub>	33, 29.756, 334.384
Yxy	7.6611, 0.3378, 0.2487
Android (android.graphics.Color)	4285415011 (0xFF6E3E63)
YUV	80.5700, 9.0860, 25.8101
Hunter-Lab	27.6787, 18.6652, -7.9037

# Details

The Hex color **6E3E63** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E6E49**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A36F96**, and **3D1034** is the 20% darker color. If you saturate the color by 10%, you get **6E3360**, and if you desaturate by 10%, it is **6E4966**.

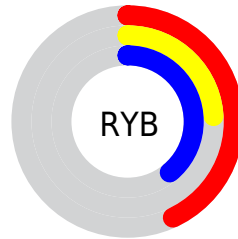
# Distribution



Red (43%)

Green (24%)

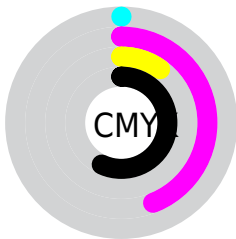
Blue (39%)



Red (43%)

Yellow (24%)

Blue (39%)

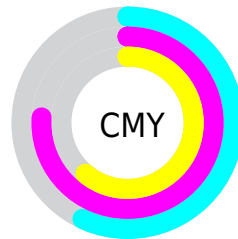


Cyan (0%)

Magenta (44%)

Yellow (10%)

Black (57%)



Cyan (57%)

Magenta (76%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3E63 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 6E3E63 by changing the saturation by 10% instead.





6E3E63



6E3E63

FFFFFF



55274B



A36F96



3D1034



BE89B1



27001F



DAA3CC



000003



F7BFE8



000000



FFDBFF



FFF7FF



6E3E63



6E3E63



6E3360



6E4966

■ 6E285E

■ 6E5468

■ 6E1D5B

■ 6E5F6B

■ 6E1259

■ 6E6A6D

■ 6E0756

■ 6E7570

■ 6E0055

■ 6E8072

■ 6E8B75

■ 6E9677

■ 6EA17A

# Harmonies

## Analogous

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



544775



6E3E63



7A3A4C

# Triad

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



6E3E63



594E1D



005968

# Complementary

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



6E3E63



3E6E49

# 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.



005A51



6E3E63



405526

# Square

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



6E3E63



6C4624



205939



005678

# Rectangle

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



6E3E63



7A3C3C



205939



005A61



# Sweetspot

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



6E3E63



8F7C8B



483E6E



473C45



C7C7C7



474747



# Same Dimension

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



6E3E63



8F457E



6E3E4C



383237



78005C



F700BF



# Inverse Universe

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



6E3E63



8F457E



3E6E60



383237



78005C

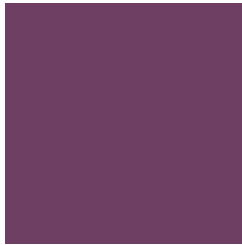


F700BF



# Previews

## White Background



This preview shows how the Hex color 6E3E63 looks on a white background.

## Color Contrast Check

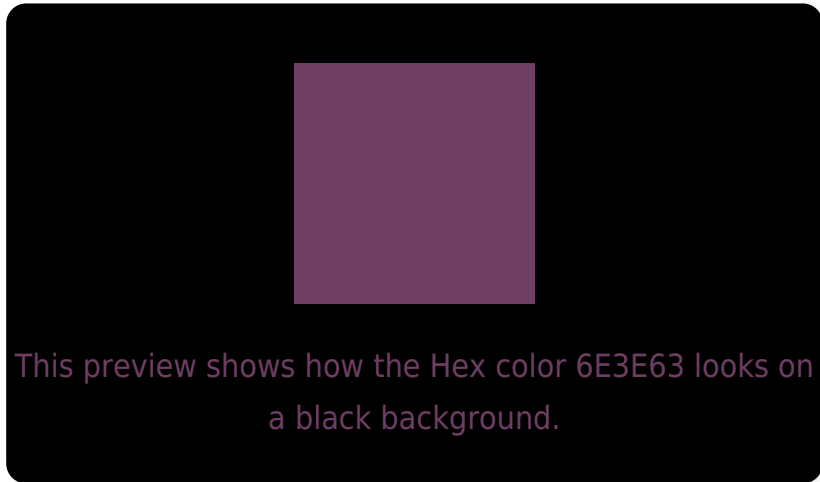
Large Text (above 18pt) WCAG AA ✓ Pass

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

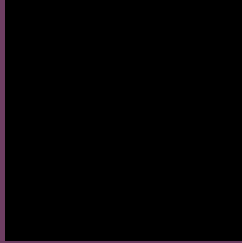
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3E63 Background



This preview shows how black text looks on a background with the Hex color 6E3E63.



This preview shows how white text looks on a background with the Hex color 6E3E63.

# 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**  
6E3E63

**Protanopia**  
454E6F

**Deuteranopia**  
4D4D60



**Tritanopia**  
6B4449

# Trichromacy



**Original Color**  
6E3E63

**Protanomaly**  
54486B

**Deuteranomaly**  
594861

**Tritanomaly**  
6C4252

# Monochromacy



**Original Color**  
6E3E63

**Achromatopsia**  
515151

**Achromatomaly**  
5C4A58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3E63 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 #6E3E63 looks like.

```
.text, #text, p{  
    color:#6E3E63  
}
```

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 #6E3E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3E63
}
```

## Border

The CSS property to change the border of an element to Hex 6E3E63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

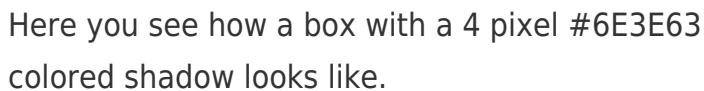
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3E63 }
```

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

```
.border{ border-color:#6E3E63 }
```

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



Here you see how a box with a 4 pixel #6E3E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3E63; -webkit-box-shadow:4px 4px  
4px 4px #6E3E63; box-shadow:4px 4px 4px  
4px #6E3E63 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3E63 }
```

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

```
.background{ background-color:#6E3E63 }
```

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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