

# Converting Colors

Hex(6E4856)

Have a look what the booklet for  
Hex(6E4856) contains.

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**Color**

**Hex(6E4856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4856
RGB	110, 72, 86
RGB Percent	43%, 28%, 34%
CMY	0.5686, 0.7176, 0.6627
CMYK	0.00, 0.35, 0.22, 0.57
HSL	338°, 21%, 36%
HSV	338°, 35%, 43%
XYZ	10.4275, 8.6216, 9.9186
YIQ	84.9580, 18.1540, 12.4100

# Conversions

## Conversions Part 2

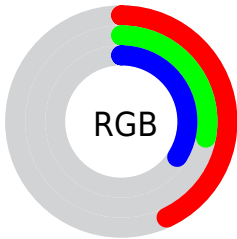
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 72, 86
Decimal	7227478
CIE Lab	35.25, 18.47, -1.64
CIE LCh	35, 18.547, 354.939
Yxy	8.6216, 0.3600, 0.2976
Android (android.graphics.Color)	4285417558 (0xFF6E4856)
YUV	84.9580, 0.5137, 21.9618
Hunter-Lab	29.3626, 12.0059, 0.5257

# Details

The Hex color **6E4856** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **486E60**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A27988**, and **3D1B29** is the 20% darker color. If you saturate the color by 10%, you get **6E3D4F**, and if you desaturate by 10%, it is **6E535D**.

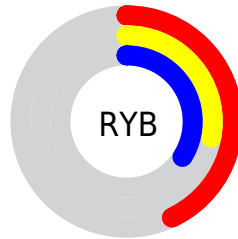
# Distribution



Red (43%)

Green (28%)

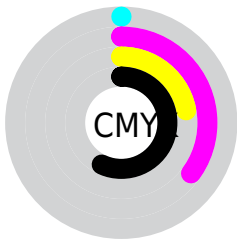
Blue (34%)



Red (43%)

Yellow (28%)

Blue (34%)

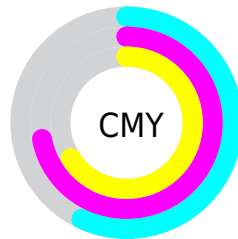


Cyan (0%)

Magenta (35%)

Yellow (22%)

Black (57%)



Cyan (57%)

Magenta (72%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4856 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 6E4856 by changing the saturation by 10% instead.





6E4856



6E4856

FFFFFF



55313F



A27988



3D1B29



BE93A2



270515



DAAEBD



000000



F7C9D9



FFE5F5



6E4856



6E4856



6E3D4F



6E535D



6E3248



6E5E64

 6E2741

 6E696B

 6E1C3A

 6E7472

 6E1133

 6E7F79

 6E062C

 6E8A80

 6E0029

 6E9587

 6EA08E

 6EAB95

# Harmonies

## Analogous

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



634B64



6E4856



704947

# Triad

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



6E4856



505638



28596B

# Complementary

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



6E4856



486E60

# 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.



235B5F



6E4856



3F5941

# Square

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



6E4856



605135



2E5B50



3B5570

# Rectangle

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



6E4856



6D4B3F



2E5B50



245A67



# Sweetspot

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



6E4856



8F8186



5F486E



473F42



C7C7C7



474747



# Same Dimension

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



6E4856



8F546A



6E4C48



383235



78002C



F7005B



# Inverse Universe

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



6E4856



8F546A



486A6E



383235



78002C

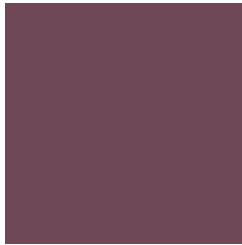


F7005B



# Previews

## White Background



This preview shows how the Hex color 6E4856 looks on a white background.

## Color Contrast Check

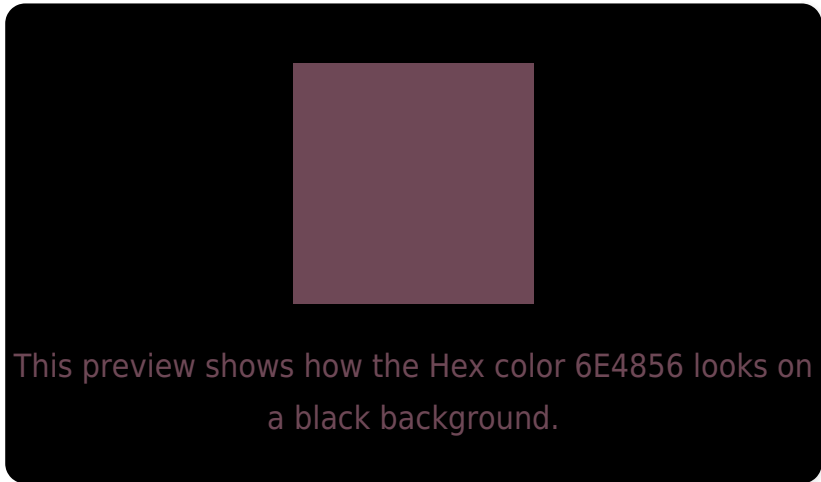
Large Text (above 18pt) WCAG AA ✓ Pass

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

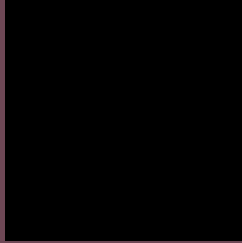
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4856 Background



This preview shows how black text looks on a background with the Hex color 6E4856.



This preview shows how white text looks on a background with the Hex color 6E4856.

# 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**  
6E4856

**Protanopia**  
52535C

**Deuteranopia**  
5B5154



**Tritanopia**  
6D494F

# Trichromacy



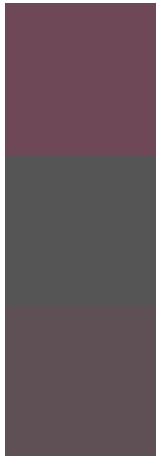
**Original Color**  
6E4856

**Protanomaly**  
5C4F5A

**Deuteranomaly**  
624E55

**Tritanomaly**  
6D4952

# Monochromacy



**Original Color**  
6E4856

**Achromatopsia**  
555555

**Achromatomaly**  
5E5055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4856 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 #6E4856 looks like.

```
.text, #text, p{  
    color:#6E4856  
}
```

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 #6E4856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4856  
}
```

## Border

The CSS property to change the border of an element to Hex 6E4856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

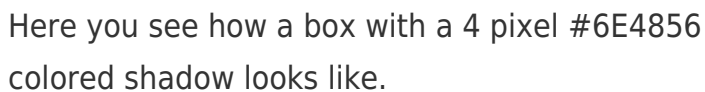
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E4856 }
```

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

```
.border{ border-color:#6E4856 }
```

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



Here you see how a box with a 4 pixel #6E4856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4856; -webkit-box-shadow:4px 4px  
4px 4px #6E4856; box-shadow:4px 4px 4px  
4px #6E4856 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4856 }
```

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

```
.background{ background-color:#6E4856 }
```

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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