

# Converting Colors

Hex(6E604B)

Have a look what the booklet for  
Hex(6E604B) contains.

<b>Hex(6E604B)</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(6E604B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E604B
RGB	110, 96, 75
RGB Percent	43%, 38%, 29%
CMY	0.5686, 0.6235, 0.7059
CMYK	0.00, 0.13, 0.32, 0.57
HSL	36°, 19%, 36%
HSV	36°, 32%, 43%
XYZ	11.8833, 12.1887, 8.3830
YIQ	97.7920, 15.0850, -3.5630

# Conversions

## Conversions Part 2

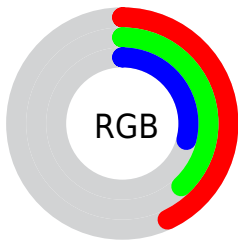
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 110, 75
Decimal	7233611
CIE Lab	41.51, 2.11, 14.08
CIE LCh	42, 14.237, 81.480
Yxy	12.1887, 0.3661, 0.3756
Android (android.graphics.Color)	4285423691 (0xFF6E604B)
YUV	97.7920, -11.2365, 10.7064
Hunter-Lab	34.9124, -0.3398, 10.2023

# Details

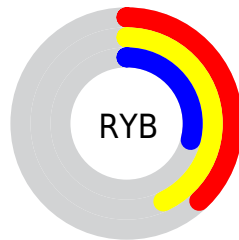
The Hex color **6E604B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B596E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A2927C**, and **3E321F** is the 20% darker color. If you saturate the color by 10%, you get **6E5C40**, and if you desaturate by 10%, it is **6E6456**.

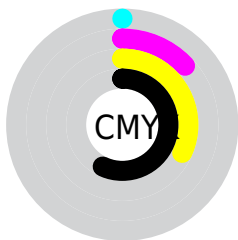
# Distribution



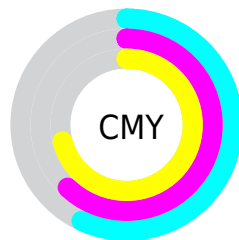
- Red (43%)
- Green (38%)
- Blue (29%)



- Red (38%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E604B 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 6E604B by changing the saturation by 10% instead.





6E604B



6E604B

FFFFFF



554834



A2927C



3E321F



BDAD96



281D08



D9C8B0



0E0400



F6E4CC



000000



FFFFE8



6E604B



6E604B



6E5C40



6E6456



6E5735



6E6961

■ 6E532A

■ 6E6D6C

■ 6E4E1F

■ 6E7277

■ 6E4A14

■ 6E7682

■ 6E4609

■ 6E7A8D

■ 6E4200

■ 6E7F98

■ 6E83A3

■ 6E88AE

# Harmonies

## Analogous

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



775C50



6E604B



62644C

# Triad

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



6E604B



42696A



6E5C71

# Complementary

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



6E604B



4B596E

# 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.



606078



6E604B



446774

# Square

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



6E604B



48685E



506479



775A66

# Rectangle

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



6E604B



596650



506479



695D73



# Sweetspot

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



6E604B



8F8981



6E4B59



47443F



C7C7C7



474747



# Same Dimension

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



6E604B



8F7959



6B6E4B



383632



784800



F79400



# Inverse Universe

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



4B596E



596E8F



4E4B6E



323538



003078



0063F7



# Previews

## White Background



This preview shows how the Hex color 6E604B looks on a white background.

## Color Contrast Check

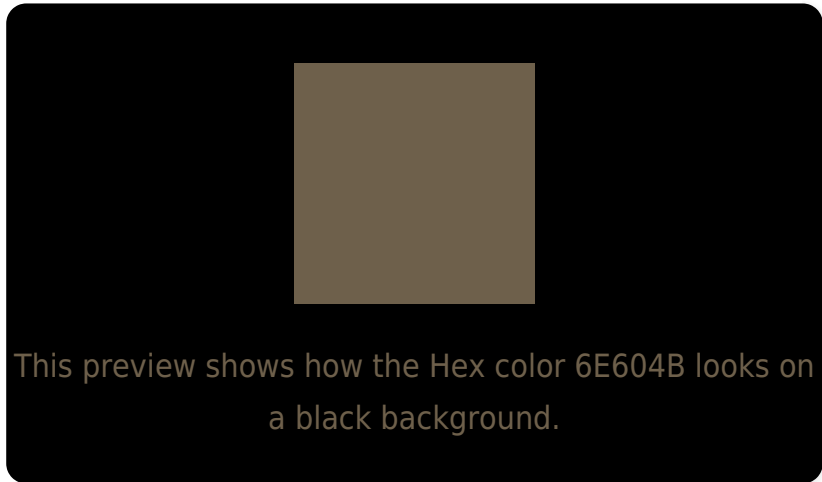
Large Text (above 18pt) WCAG AA ✓ Pass

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

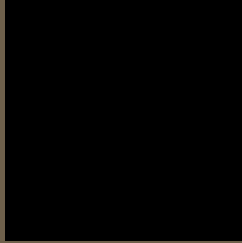
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E604B Background



This preview shows how black text looks on a background with the Hex color 6E604B.



This preview shows how white text looks on a background with the Hex color 6E604B.

# 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**  
6E604B

**Protanopia**  
69624C

**Deuteranopia**  
735E4B



**Tritanopia**  
715D64

# Trichromacy



**Original Color**  
6E604B

**Protanomaly**  
6B614C

**Deuteranomaly**  
715F4B

**Tritanomaly**  
705E5B

# Monochromacy



**Original Color**  
6E604B

**Achromatopsia**  
626262

**Achromatomaly**  
66615A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E604B 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 #6E604B looks like.

```
.text, #text, p{  
    color:#6E604B  
}
```

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 #6E604B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E604B
}
```

## Border

The CSS property to change the border of an element to Hex 6E604B is called "border". The border property can be set on classes, ids or directly on the HTML element.

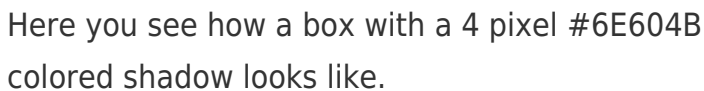
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E604B }
```

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

```
.border{ border-color:#6E604B }
```

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



Here you see how a box with a 4 pixel #6E604B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E604B; -webkit-box-shadow:4px 4px  
4px 4px #6E604B; box-shadow:4px 4px 4px  
4px #6E604B }
```

# Background

The CSS property to change the background color of an element to Hex 6E604B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E604B }
```

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

```
.background{ background-color:#6E604B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor