

# Converting Colors

Hex(66504B)

Have a look what the booklet for  
Hex(66504B) contains.

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**Color**

**Hex(66504B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66504B
RGB	102, 80, 75
RGB Percent	40%, 31%, 29%
CMY	0.6000, 0.6863, 0.7059
CMYK	0.00, 0.22, 0.26, 0.60
HSL	11°, 15%, 35%
HSV	11°, 26%, 40%
XYZ	9.6182, 9.0701, 7.9004
YIQ	86.0080, 14.7170, 3.1090

# Conversions

## Conversions Part 2

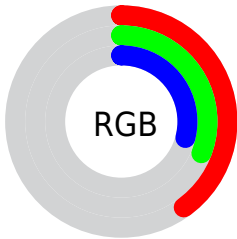
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 81, 75
Decimal	6705227
CIE <sub>Lab</sub>	36.12, 8.35, 6.44
CIE <sub>LCh</sub>	36, 10.545, 37.656
Yxy	9.0701, 0.3617, 0.3411
Android (android.graphics.Color)	4284895307 (0xFF66504B)
YUV	86.0080, -5.4269, 14.0250
Hunter-Lab	30.1166, 4.3023, 5.5283

# Details

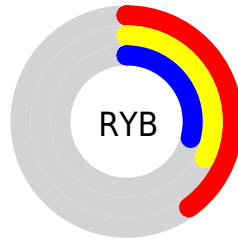
The Hex color **66504B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B6166**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **99817C**, and **36231F** is the 20% darker color. If you saturate the color by 10%, you get **664841**, and if you desaturate by 10%, it is **665855**.

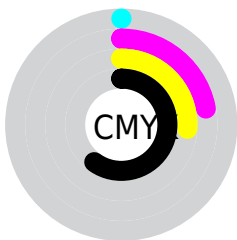
# Distribution



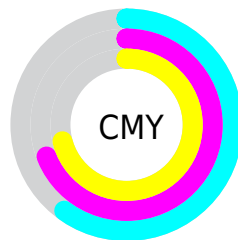
- Red (40%)
- Green (31%)
- Blue (29%)



- Red (40%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (60%)



- Cyan (60%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66504B 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 66504B by changing the saturation by 10% instead.





66504B



66504B

FFFFFF



4E3934



99817C



36231F



B49B96



220F07



D0B6B0



000000



EDD2CC



FFEEE8



66504B



66504B



664841



665855



663F37



66615F

■ 66372C

■ 66696A

■ 662F22

■ 667174

■ 662618

■ 667A7E

■ 661E0E

■ 668288

■ 661604

■ 668A92

■ 661300

■ 66929D

■ 669BA7

# Harmonies

## Analogous

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



664F53



66504B



615246

# Triad

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



66504B



47594E



4E5566

# Complementary

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



66504B



4B6166

# 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.



445864



66504B



405A57

# Square

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



66504B



505847



3F595F



595262

# Rectangle

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



66504B



5C5444



3F595F



4B5666



# Sweetspot

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



66504B



857C7A



664B61



423D3C



C2C2C2



424242



# Same Dimension

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



66504B



85625A



665D4B



332F2E



731500



F22D00



# Inverse Universe

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



4B6166



5A7D85



4B5466



2E3233



005E73



00C5F2



# Previews

## White Background



This preview shows how the Hex color 66504B looks on a white background.

## Color Contrast Check

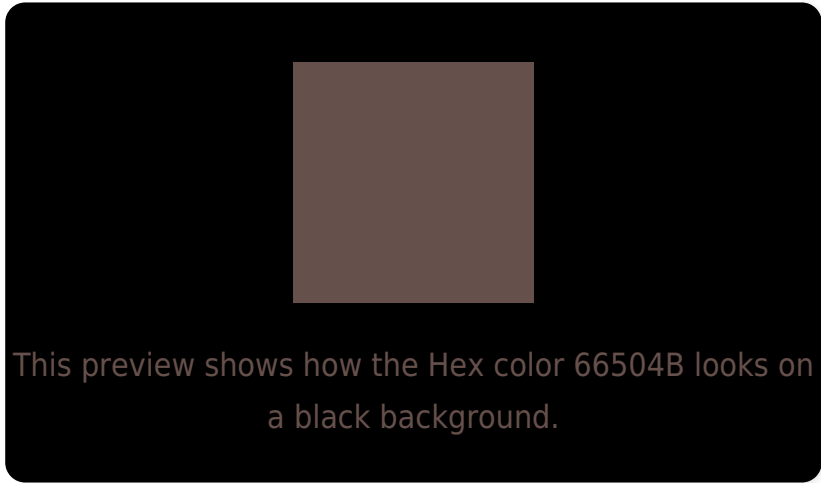
Large Text (above 18pt) WCAG AA ✓ Pass

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

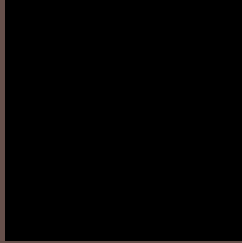
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66504B Background



This preview shows how black text looks on a background with the Hex color 66504B.

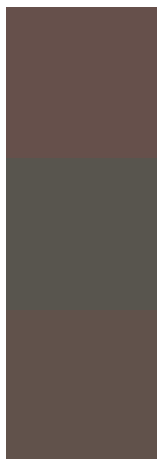


This preview shows how white text looks on a background with the Hex color 66504B.

# 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**  
66504B

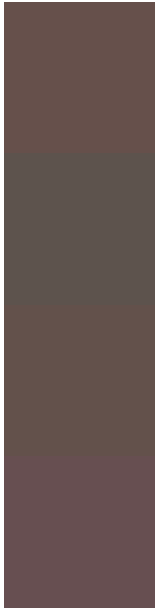
**Protanopia**  
58554E

**Deuteranopia**  
61524B



**Tritanopia**  
674F55

# Trichromacy



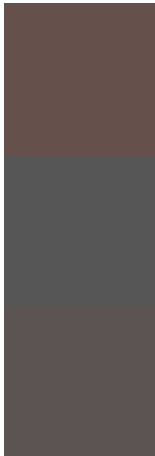
**Original Color**  
66504B

**Protanomaly**  
5D534D

**Deuteranomaly**  
63514B

**Tritanomaly**  
674F51

# Monochromacy



**Original Color**  
66504B

**Achromatopsia**  
565656

**Achromatomaly**  
5C5452

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66504B 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 #66504B looks like.

```
.text, #text, p{  
    color:#66504B  
}
```

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 #66504B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66504B
}
```

## Border

The CSS property to change the border of an element to Hex 66504B is called "border". The border property can be set on classes, ids or directly on the HTML element.

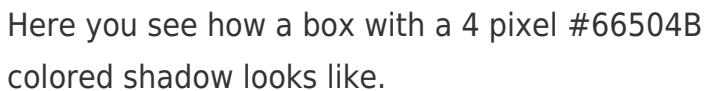
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66504B }
```

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

```
.border{ border-color:#66504B }
```

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



Here you see how a box with a 4 pixel #66504B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66504B; -webkit-box-shadow:4px 4px  
4px 4px #66504B; box-shadow:4px 4px 4px  
4px #66504B }
```

# Background

The CSS property to change the background color of an element to Hex 66504B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66504B }
```

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

```
.background{ background-color:#66504B }
```

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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