

# Converting Colors

Hex(664D4E)

Have a look what the booklet for  
Hex(664D4E) contains.

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# Color

**Hex(664D4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664D4E
RGB	102, 77, 78
RGB Percent	40%, 30%, 31%
CMY	0.6000, 0.6980, 0.6941
CMYK	0.00, 0.25, 0.24, 0.60
HSL	358°, 14%, 35%
HSV	358°, 25%, 40%
XYZ	9.5085, 8.6826, 8.3825
YIQ	84.5890, 14.5790, 5.6110

# Conversions

## Conversions Part 2

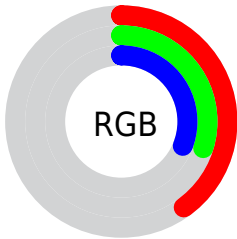
Format	Color
R <sub>Y</sub> B	102, 77, 78
Decimal	6704462
CIE Lab	35.37, 10.71, 3.48
CIE LCh	35, 11.257, 18.009
Yxy	8.6826, 0.3578, 0.3267
Android (android.graphics.Color)	4284894542 (0xFF664D4E)
YUV	84.5890, -3.2484, 15.2694
Hunter-Lab	29.4662, 6.0346, 3.7597

# Details

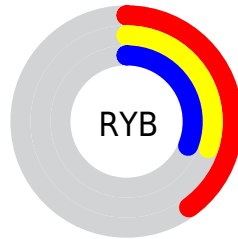
The Hex color **664D4E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D6665**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **997E7F**, and **362122** is the 20% darker color. If you saturate the color by 10%, you get **664344**, and if you desaturate by 10%, it is **665758**.

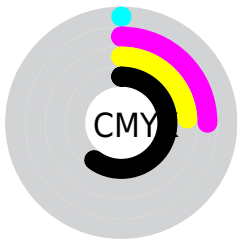
# Distribution



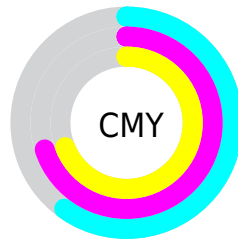
- Red (40%)
- Green (30%)
- Blue (31%)



- Red (40%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664D4E 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 664D4E by changing the saturation by 10% instead.



■ 664D4E

■ 664D4E

FFFFFF

■ 4E3637

■ 997E7F

■ 362122

■ B49899

■ 220B0C

■ D0B3B4

■ 000000

■ EDCECF

■ FFEbeb

■ 664D4E

■ 664D4E

■ 664344

■ 665758

■ 66393A

■ 666162

662E31

666C6B

662427

667675

661A1D

66807F

661013

668A89

660609

669493

660004

669F9C

66A9A6

# Harmonies

## Analogous

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



634D57



664D4E



644F46

# Triad

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



664D4E



4A5747



445564

# Complementary

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



664D4E



4D6665

# 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.



3C5760



664D4E



41584F

# Square

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



664D4E



545442



3B5858



505264

# Rectangle

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



664D4E



605043



3B5858



415664



# Sweetspot

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



664D4E



857B7C



654D66



423D3D



C2C2C2



424242



# Same Dimension

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



664D4E



855E60



66584D



332E2E



730005



F2000A



# Inverse Universe

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



664D4E



855E60



4D5B66



332E2E



730005



F2000A



# Previews

## White Background



This preview shows how the Hex color 664D4E looks on a white background.

## Color Contrast Check

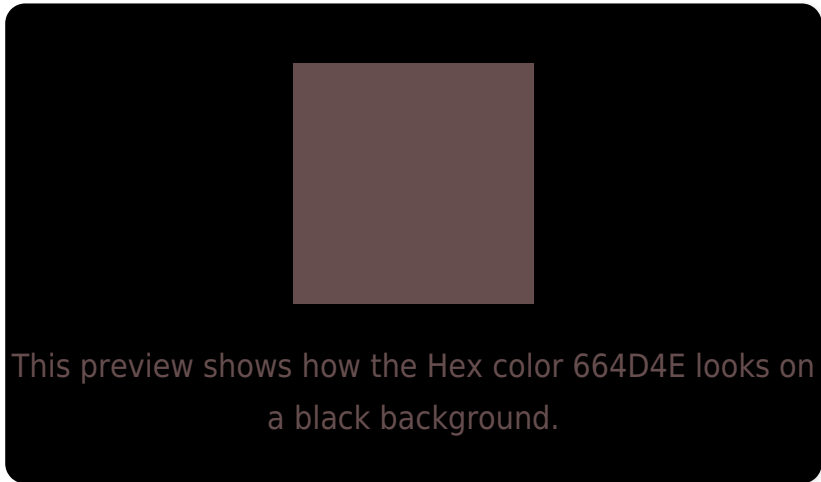
Large Text (above 18pt) WCAG AA ✓ Pass

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

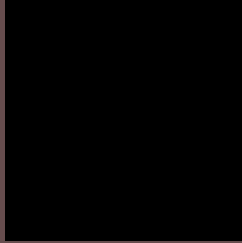
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664D4E Background



This preview shows how black text looks on a background with the Hex color 664D4E.

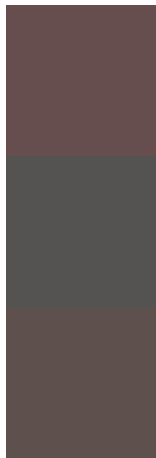


This preview shows how white text looks on a background with the Hex color 664D4E.

# 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**  
664D4E

**Protanopia**  
553351

**Deuteranopia**  
5E504D



**Tritanopia**  
664C52

# Trichromacy



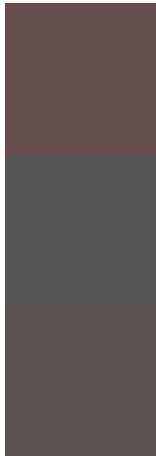
**Original Color**  
664D4E

**Protanomaly**  
5B5150

**Deuteranomaly**  
614F4D

**Tritanomaly**  
664C51

# Monochromacy



**Original Color**  
664D4E

**Achromatopsia**  
555555

**Achromatomaly**  
5B5252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664D4E 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 #664D4E looks like.

```
.text, #text, p{  
    color:#664D4E  
}
```

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 #664D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664D4E
}
```

## Border

The CSS property to change the border of an element to Hex 664D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

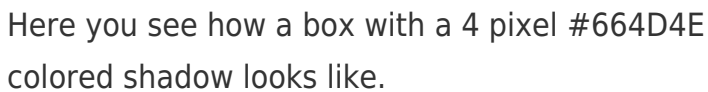
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664D4E }
```

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

```
.border{ border-color:#664D4E }
```

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



Here you see how a box with a 4 pixel #664D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664D4E; -webkit-box-shadow:4px 4px  
4px 4px #664D4E; box-shadow:4px 4px 4px  
4px #664D4E }
```

# Background

The CSS property to change the background color of an element to Hex 664D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664D4E }
```

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

```
.background{ background-color:#664D4E }
```

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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