

Converting Colors

Hex(664D41)

Have a look what the booklet for
Hex(664D41) contains.

Hex(664D41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(664D41)

Conversions

Conversions Part 1

Format	Color
Hex	664D41
RGB	102, 77, 65
RGB Percent	40%, 30%, 25%
CMY	0.6000, 0.6980, 0.7451
CMYK	0.00, 0.25, 0.36, 0.60
HSL	19°, 22%, 33%
HSV	19°, 36%, 40%
XYZ	9.0875, 8.5142, 6.1655
YIQ	83.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

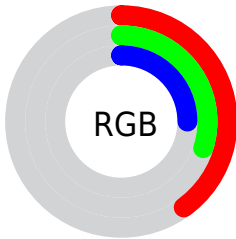
Format	Color
RYB	102, 83, 65
Decimal	6704449
CIELab	35.03, 8.67, 11.18
CIELCh	35, 14.151, 52.221
Yxy	8.5142, 0.3824, 0.3582
Android (android.graphics.Color)	4284894529 (0xFF664D41)
YUV	83.1070, -8.9268, 16.5692
Hunter-Lab	29.1791, 4.5284, 7.8975

Details

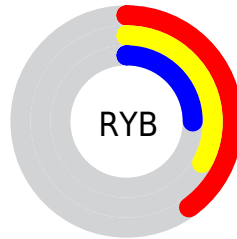
The Hex color **664D41** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **415A66**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9A7E71**, and **362116** is the 20% darker color. If you saturate the color by 10%, you get **664637**, and if you desaturate by 10%, it is **66544B**.

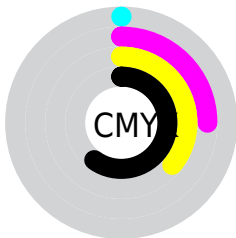
Distribution



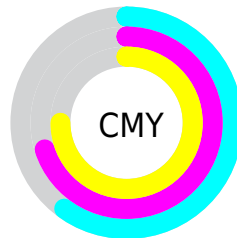
- Red (40%)
- Green (30%)
- Blue (25%)



- Red (40%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664D41 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 664D41 by changing the saturation by 10% instead.

■ 664D41

■ 664D41

FFFFFF

■ 4D362B

■ 9A7E71

■ 362116

■ B5988A

■ 210B00

■ D1B3A5

■ 000000

■ EDCEC0

■ FFEADC

■ FFFFF8

■ 664D41

■ 664D41

■ 664637

■ 66544B

■ 663F2D

■ 665B55

■ 663822

■ 666260

■ 663118

■ 66696A

■ 662B0E

■ 666F74

■ 662404

■ 66767E

■ 662100

■ 667D88

■ 668493

■ 668B9D

Harmonies

Analogous

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



6A4B4A



664D41



5E513C

Triad

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



664D41



39594F



505167

Complementary

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



664D41



415A66

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.



415468



664D41



32595A

Square

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



664D41



455744



355764



5E4D60

Rectangle

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



664D41



56533C



355764



4B5268

Sweetspot

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



664D41



857B76



66415A



423C3A



C2C2C2



424242

Same Dimension

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



664D41



855D4A



665F41



33302E



732500



F24F00

Inverse Universe

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



415A66



4A7285



414866



2E3133



004E73



00A4F2

Previews

White Background



This preview shows how the Hex color 664D41 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

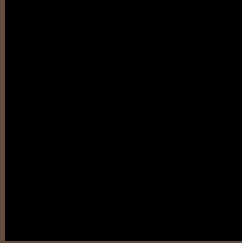
Any Text WCAG AA × Fail

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 664D41 Background



This preview shows how black text looks on a background with the Hex color 664D41.

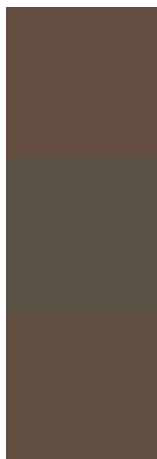


This preview shows how white text looks on a background with the Hex color 664D41.

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

664D41

Protanopia

575244

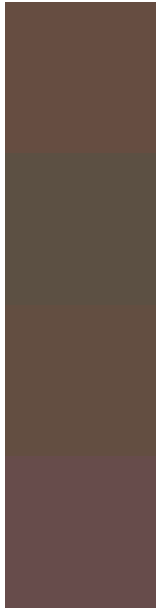
Deuteranopia

614F41



Tritanopia
684B51

Trichromacy



Original Color
664D41

Protanomaly
5C5043

Deuteranomaly
634E41

Tritanomaly
674C4B

Monochromacy



Original Color
664D41

Achromatopsia
535353

Achromatomaly
5A514C

CSS Examples

Text

The CSS property to change the color of the text to Hex 664D41 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 #664D41 looks like.

```
.text, #text, p{  
    color:#664D41  
}
```

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 #664D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664D41
}
```

Border

The CSS property to change the border of an element to Hex 664D41 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".

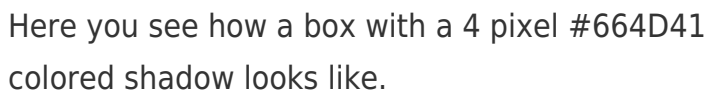
```
.border, #border, table{ border:4px solid
#664D41 }
```

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

```
.border{ border-color:#664D41 }
```

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

Here you see how a box with a 4 pixel #664D41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664D41; -webkit-box-shadow:4px 4px  
4px 4px #664D41; box-shadow:4px 4px 4px  
4px #664D41 }
```

Background

The CSS property to change the background color of an element to Hex 664D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664D41 }
```

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

```
.background{ background-color:#664D41 }
```

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