

Converting Colors

Hex(664E45)

Have a look what the booklet for
Hex(664E45) contains.

Hex(664E45)	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(664E45)

Conversions

Conversions Part 1

Format	Color
Hex	664E45
RGB	102, 78, 69
RGB Percent	40%, 31%, 27%
CMY	0.6000, 0.6941, 0.7294
CMYK	0.00, 0.24, 0.32, 0.60
HSL	16°, 19%, 34%
HSV	16°, 32%, 40%
XYZ	9.2781, 8.7032, 6.8211
YIQ	84.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

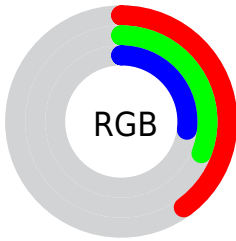
Format	Color
R_{YB}	102, 81, 69
Decimal	6704709
CIE Lab	35.41, 8.64, 9.20
CIE LCh	35, 12.621, 46.798
Yxy	8.7032, 0.3741, 0.3509
Android (android.graphics.Color)	4284894789 (0xFF664E45)
YUV	84.1500, -7.4689, 15.6545
Hunter-Lab	29.5012, 4.5106, 6.9422




Details

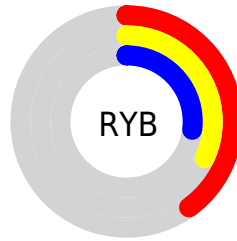
The Hex color **664E45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455D66**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **9A7F75**, and **36221A** is the 20% darker color. If you saturate the color by 10%, you get **66473B**, and if you desaturate by 10%, it is **66554F**.

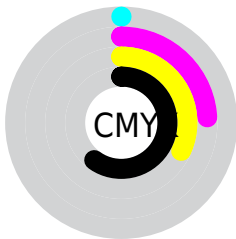
Distribution







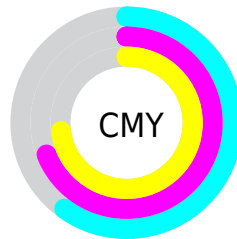
-  Red (40%)
-  Green (31%)
-  Blue (27%)






-  Red (40%)
-  Yellow (32%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (32%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (69%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664E45 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 664E45 by changing the saturation by 10% instead.

 664E45

 664E45

FFFFFF

 4D372F

 9A7F75

 36221A

 B5998F

 220C00

 D1B4A9

 000000

 EDCFC4

 FFECE0

FFFFFFD

 664E45

 664E45

 66473B

 66554F

663F31

665D59

663826

666464

66301C

666C6E

662912

667378

662108

667B82

661C00

66828C

668997

6691A1

Harmonies

Analogous

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



684C4E



664E45



5F5140

Triad

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



664E45



3F594E



4F5266

Complementary

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



664E45



455D66

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.



425667



664E45



385959

Square

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



664E45



495745



395862



5C4F61

Rectangle

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



664E45



59533F



395862



4B5367

Sweetspot

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



664E45



857B77



66455D



423D3A



C2C2C2



424242

Same Dimension

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



664E45



855F51



665E45



332F2E



731F00



F24200

Inverse Universe

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



455D66



517685



454D66



2E3233



005373



00B0F2

Previews

White Background



This preview shows how the Hex color 664E45 looks on a white background.

Color Contrast Check

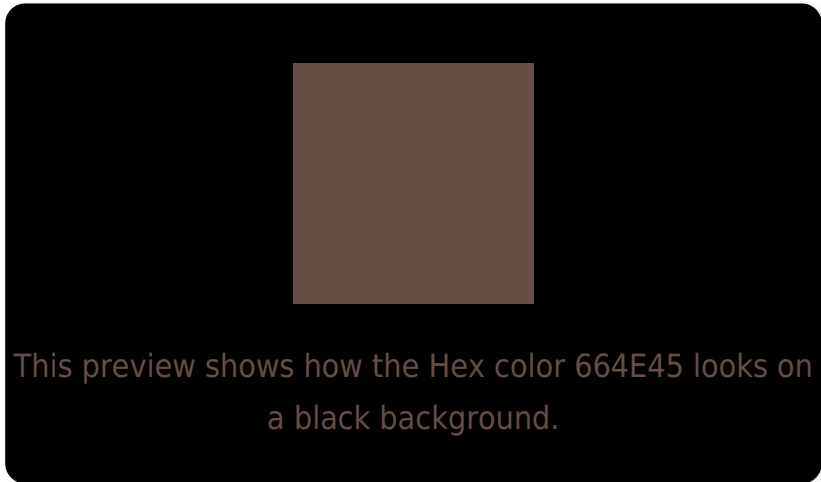
Large Text (above 18pt) WCAG AA ✓ Pass

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

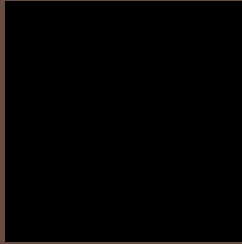
Any Text WCAG AA × Fail

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 664E45 Background



This preview shows how black text looks on a background with the Hex color 664E45.



This preview shows how white text looks on a background with the Hex color 664E45.

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
664E45

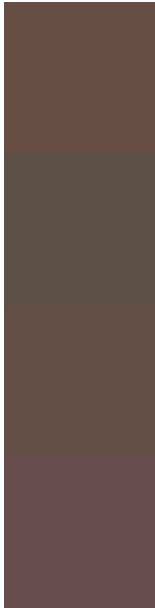
Protanopia
585348

Deuteranopia
615045



Tritanopia
674C52

Trichromacy



Original Color

664E45

Protanomaly

5D5147

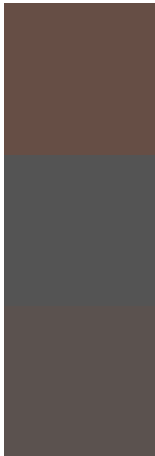
Deuteranomaly

634F45

Tritanomaly

674D4D

Monochromacy



Original Color

664E45

Achromatopsia

545454

Achromatomaly

5B524F

CSS Examples

Text

The CSS property to change the color of the text to Hex 664E45 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 #664E45 looks like.

```
.text, #text, p{  
    color:#664E45  
}
```

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 #664E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664E45
}
```

Border

The CSS property to change the border of an element to Hex 664E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

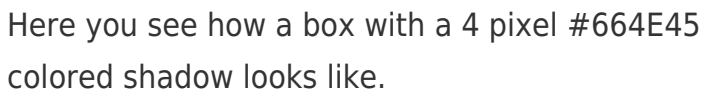
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664E45 }
```

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

```
.border{ border-color:#664E45 }
```

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



Here you see how a box with a 4 pixel #664E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664E45; -webkit-box-shadow:4px 4px  
4px 4px #664E45; box-shadow:4px 4px 4px  
4px #664E45 }
```

Background

The CSS property to change the background color of an element to Hex 664E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664E45 }
```

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

```
.background{ background-color:#664E45 }
```

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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