

Converting Colors

Hex(664240)

Have a look what the booklet for
Hex(664240) contains.

Hex(664240)	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(664240)

Conversions

Conversions Part 1

Format	Color
Hex	664240
RGB	102, 66, 64
RGB Percent	40%, 26%, 25%
CMY	0.6000, 0.7412, 0.7490
CMYK	0.00, 0.35, 0.37, 0.60
HSL	3°, 23%, 33%
HSV	3°, 37%, 40%
XYZ	8.3531, 7.0914, 5.7790
YIQ	76.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

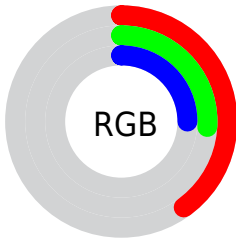
Format	Color
R_{YB}	102, 66, 64
Decimal	6701632
CIE _{Lab}	32.01, 15.34, 7.62
CIE _{LCh}	32, 17.132, 26.415
Yxy	7.0914, 0.3936, 0.3341
Android (android.graphics.Color)	4284891712 (0xFF664240)
YUV	76.5360, -6.1802, 22.3319
Hunter-Lab	26.6296, 9.3896, 5.7740




Details

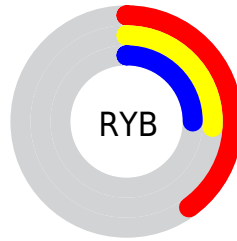
The Hex color **664240** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **406466**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **9A7270**, and **351616** is the 20% darker color. If you saturate the color by 10%, you get **663836**, and if you desaturate by 10%, it is **664C4A**.

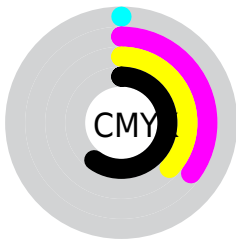
Distribution







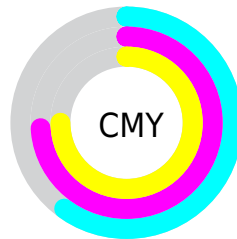
-  Red (40%)
-  Green (26%)
-  Blue (25%)






-  Red (40%)
-  Yellow (26%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (37%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (74%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664240 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 664240 by changing the saturation by 10% instead.

■ 664240

■ 664240

FFFFFF

■ 4D2C2A

■ 9A7270

■ 351616

■ B58C89

■ 210000

■ D1A6A3

■ 000000

■ EEC2BE

■ FFDEDA

■ FFFAF7

■ 664240

■ 664240

■ 663836

■ 664C4A

■ 662F2C

■ 665554

■ 662521

■ 665F5F

■ 661B17

■ 666969

■ 66120D

■ 667273

■ 660803

■ 667C7D

■ 660500

■ 668687

■ 668F92

■ 66999C

Harmonies

Analogous

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



64414D



664240



614535

Triad

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



664240



39513C



374D66

Complementary

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



664240



406466

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.



255161



664240



295349

Square

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



664240



484E33



205257



4B4863

Rectangle

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



664240



5A4831



205257



314E65

Sweetspot

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



664240



857776



664064



423A3A



C2C2C2



424242

Same Dimension

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



664240



854C49



665540



332E2E



730600



F20D00

Inverse Universe

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



406466



498185



405166



2E3333



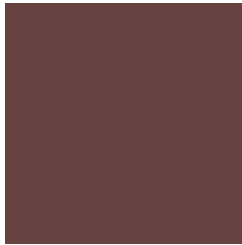
006D73



00E5F2

Previews

White Background



This preview shows how the Hex color 664240 looks on a white background.

Color Contrast Check

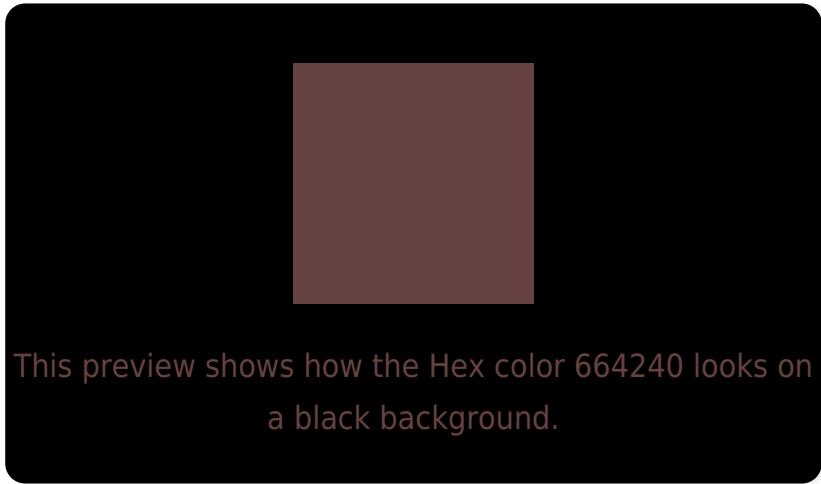
Large Text (above 18pt) WCAG AA ✓ Pass

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

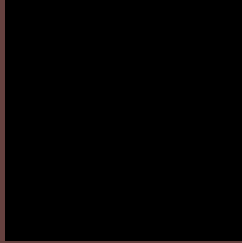
Any Text WCAG AA × Fail

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 664240 Background



This preview shows how black text looks on a background with the Hex color 664240.

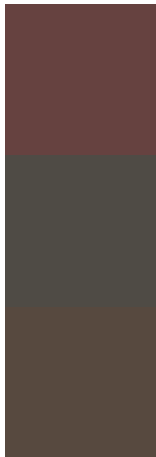


This preview shows how white text looks on a background with the Hex color 664240.

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
664240

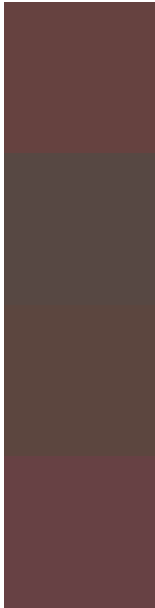
Protanopia
4F4B45

Deuteranopia
57493F



Tritanopia
674146

Trichromacy



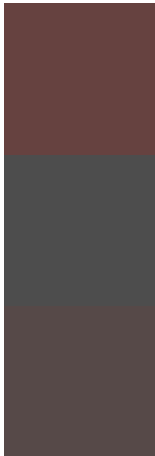
Original Color
664240

Protanomaly
574843

Deuteranomaly
5C463F

Tritanomaly
674144

Monochromacy



Original Color
664240

Achromatopsia
4D4D4D

Achromatomaly
564948

CSS Examples

Text

The CSS property to change the color of the text to Hex 664240 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 #664240 looks like.

```
.text, #text, p{  
    color:#664240  
}
```

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 #664240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664240
}
```

Border

The CSS property to change the border of an element to Hex 664240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

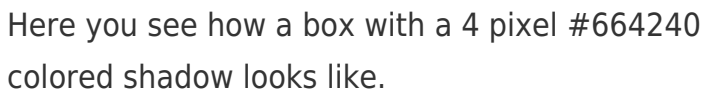
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664240 }
```

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

```
.border{ border-color:#664240 }
```

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



Here you see how a box with a 4 pixel #664240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664240; -webkit-box-shadow:4px 4px  
4px 4px #664240; box-shadow:4px 4px 4px  
4px #664240 }
```

Background

The CSS property to change the background color of an element to Hex 664240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664240 }
```

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

```
.background{ background-color:#664240 }
```

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