

Converting Colors

Hex(643624)

Have a look what the booklet for
Hex(643624) contains.

Hex(643624)	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(643624)

Conversions

Conversions Part 1

Format	Color
Hex	643624
RGB	100, 54, 36
RGB Percent	39%, 21%, 14%
CMY	0.6078, 0.7882, 0.8588
CMYK	0.00, 0.46, 0.64, 0.61
HSL	17°, 47%, 27%
HSV	17°, 64%, 39%
XYZ	6.8931, 5.4750, 2.3625
YIQ	65.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

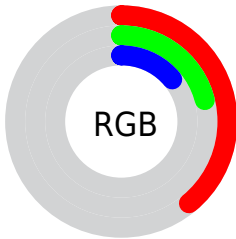
Format	Color
R_{YB}	100, 61, 36
Decimal	6567460
CIE _{Lab}	28.05, 18.65, 20.16
CIE _{LCh}	28, 27.465, 47.226
Yxy	5.4750, 0.4679, 0.3717
Android (android.graphics.Color)	4284757540 (0xFF643624)
YUV	65.7020, -14.6431, 30.0793
Hunter-Lab	23.3988, 11.6371, 10.3927

Details

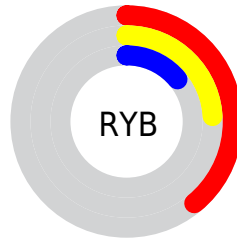
The Hex color **643624** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **245264**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9A6551**, and **320B00** is the 20% darker color. If you saturate the color by 10%, you get **642F1A**, and if you desaturate by 10%, it is **643D2E**.

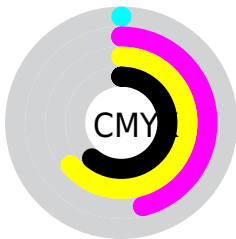
Distribution



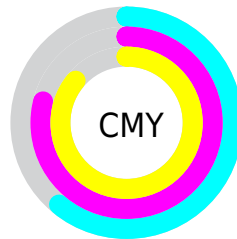
- Red (39%)
- Green (21%)
- Blue (14%)



- Red (39%)
- Yellow (24%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (64%)
- Black (61%)



- Cyan (61%)
- Magenta (79%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643624 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 643624 by changing the saturation by 10% instead.

643624

643624

FFFFFF

4A200F

9A6551

320B00

B67F69

160000

D29983

000000

EFB49D

FFCFB8

FFECD3

FFFFF0

643624

643624

■ 642F1A

■ 643D2E

■ 642810

■ 644438

■ 642006

■ 644C42

■ 641C00

■ 64534C

■ 645A56

■ 646160

■ 64686A

■ 647074

■ 64777E

Harmonies

Analogous

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



6A3037



643624



563E18

Triad

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



643624



004C38



34406B

Complementary

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



643624



245264

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.



00476B



643624



004D4E

Square

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



643624



2A4A24



004B61



53385F

Rectangle

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



643624



4A4316



004B61



26436C

Sweetspot

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



643624



827069



642453



423733



C2C2C2



424242

Same Dimension

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



643624



823A1E



645524



332F2E



732000



F24400

Inverse Universe

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



245264



1E6682



243364



2E3233



005273



00AEF2

Previews

White Background



This preview shows how the Hex color 643624 looks on a white background.

Color Contrast Check

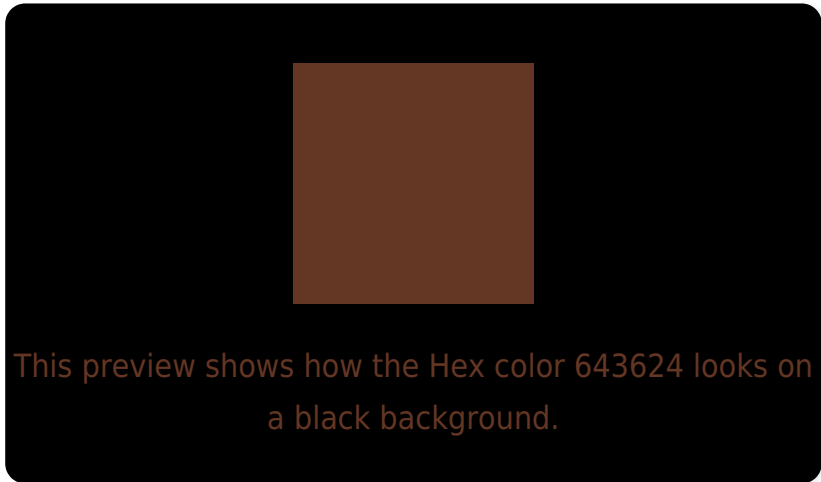
Large Text (above 18pt) WCAG AA ✓ Pass

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

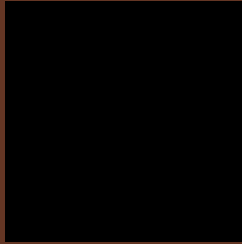
Any Text WCAG AA × Fail

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 643624 Background



This preview shows how black text looks on a background with the Hex color 643624.

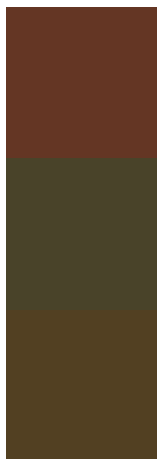


This preview shows how white text looks on a background with the Hex color 643624.

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


643624

Protanopia

494329

Deuteranopia

524022



Tritanopia
653437

Trichromacy



Original Color
643624

Protanomaly
533E27

Deuteranomaly
593C23

Tritanomaly
653530

Monochromacy



Original Color
643624

Achromatopsia
424242

Achromatomaly
4E3E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 643624 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 #643624 looks like.

```
.text, #text, p{  
    color:#643624  
}
```

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 #643624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643624
}
```

Border

The CSS property to change the border of an element to Hex 643624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

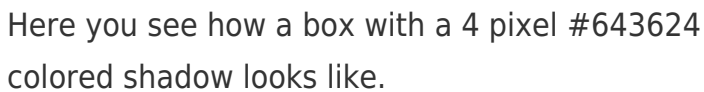
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643624 }
```

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

```
.border{ border-color:#643624 }
```

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



Here you see how a box with a 4 pixel #643624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643624; -webkit-box-shadow:4px 4px  
4px 4px #643624; box-shadow:4px 4px 4px  
4px #643624 }
```

Background

The CSS property to change the background color of an element to Hex 643624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643624 }
```

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

```
.background{ background-color:#643624 }
```

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