

Converting Colors

Hex(643555)

Have a look what the booklet for
Hex(643555) contains.

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Color

Hex(643555)

Conversions

Conversions Part 1

Format	Color
Hex	643555
RGB	100, 53, 85
RGB Percent	39%, 21%, 33%
CMY	0.6078, 0.7922, 0.6667
CMYK	0.00, 0.47, 0.15, 0.61
HSL	319°, 31%, 30%
HSV	319°, 47%, 39%
XYZ	8.1683, 5.9114, 9.3048
YIQ	70.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

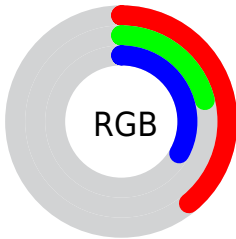
Format	Color
R_{YB}	100, 53, 85
Decimal	6567253
CIE _{Lab}	29.19, 25.87, -10.18
CIE _{LCh}	29, 27.806, 338.515
Yxy	5.9114, 0.3493, 0.2528
Android (android.graphics.Color)	4284757333 (0xFF643555)
YUV	70.7010, 7.0494, 25.6952
Hunter-Lab	24.3134, 17.4204, -5.6711

Details

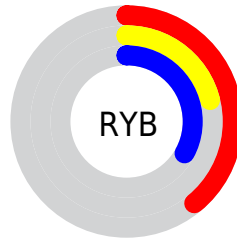
The Hex color **643555** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356444**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **986587**, and **330728** is the 20% darker color. If you saturate the color by 10%, you get **642B52**, and if you desaturate by 10%, it is **643F58**.

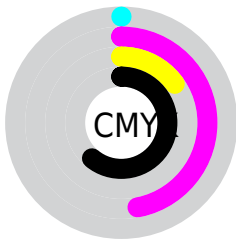
Distribution



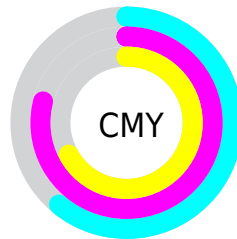
- Red (39%)
- Green (21%)
- Blue (33%)



- Red (39%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (61%)



- Cyan (61%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643555 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 643555 by changing the saturation by 10% instead.

 643555

 643555

FFFFFF

 4B1E3E

 986587

 330728

 B37FA1

 200014

 CF99BC

 000000

 ECB4D8

 FFCFF4

 FFECFF

 643555

 643555

 642B52

 643F58

64214F

64495B

64174B

64535F

640D48

645D62

640345

646765

640044

647168

647B6B

64856F

648F72

Harmonies

Analogous

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



4E3D67



643555



6D323F

Triad

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



643555



4B4618



004F5F

Complementary

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



643555



356444

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.



00504A



643555



344B22

Square

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



643555



5E3E1C



144E34



004B6C

Rectangle

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



643555



6C3431



144E34



004F59

Sweetspot

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



643555



82707C



443564



42373F



C2C2C2



424242

Same Dimension

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



643555



82396B



64353E



332E31



73004E



F200A5

Inverse Universe

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



643555



82396B



35645B



332E31



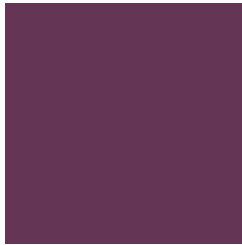
73004E



F200A5

Previews

White Background



This preview shows how the Hex color 643555 looks on a white background.

Color Contrast Check

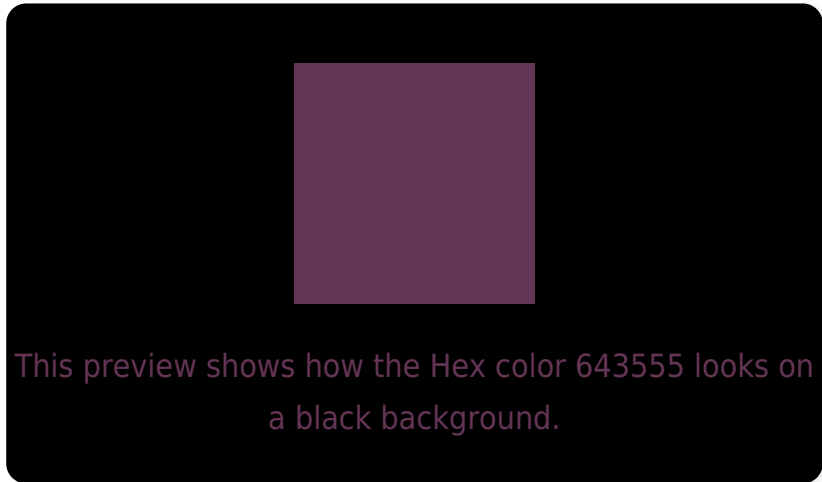
Large Text (above 18pt) WCAG AA ✓ Pass

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

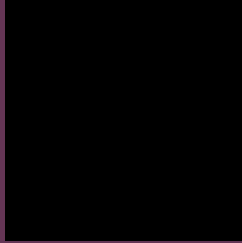
Any Text WCAG AA × Fail

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 643555 Background



This preview shows how black text looks on a background with the Hex color 643555.



This preview shows how white text looks on a background with the Hex color 643555.

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
643555

Protanopia
3D4460

Deuteranopia
464452



Tritanopia
623A3E

Trichromacy



Original Color
643555

Protanomaly
4B3F5C

Deuteranomaly
513F53

Tritanomaly
633846

Monochromacy



Original Color
643555

Achromatopsia
474747

Achromatomaly
52404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 643555 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 #643555 looks like.

```
.text, #text, p{  
    color:#643555  
}
```

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 #643555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643555
}
```

Border

The CSS property to change the border of an element to Hex 643555 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".

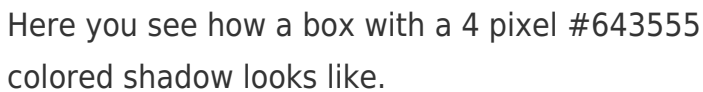
```
.border, #border, table{ border:4px solid
#643555 }
```

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

```
.border{ border-color:#643555 }
```

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

Here you see how a box with a 4 pixel #643555 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643555; -webkit-box-shadow:4px 4px  
4px 4px #643555; box-shadow:4px 4px 4px  
4px #643555 }
```

Background

The CSS property to change the background color of an element to Hex 643555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643555 }
```

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

```
.background{ background-color:#643555 }
```

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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