

# Converting Colors

Hex(643653)

Have a look what the booklet for  
Hex(643653) contains.

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# Color

**Hex(643653)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	643653
RGB	100, 54, 83
RGB Percent	39%, 21%, 33%
CMY	0.6078, 0.7882, 0.6745
CMYK	0.00, 0.46, 0.17, 0.61
HSL	322°, 30%, 30%
HSV	322°, 46%, 39%
XYZ	8.1360, 5.9722, 8.9075
YIQ	71.0600, 18.1070, 18.7710

# Conversions

## Conversions Part 2

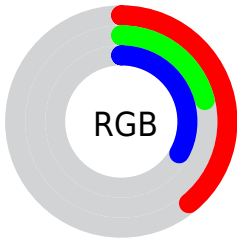
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	100, 54, 83
Decimal	6567507
CIE Lab	29.34, 24.92, -8.65
CIE LCh	29, 26.374, 340.864
Yxy	5.9722, 0.3535, 0.2595
Android (android.graphics.Color)	4284757587 (0xFF643653)
YUV	71.0600, 5.8864, 25.3804
Hunter-Lab	24.4381, 16.6604, -4.5042

# Details

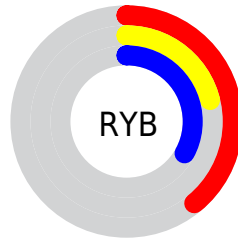
The Hex color **643653** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **366447**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **986684**, and **340926** is the 20% darker color. If you saturate the color by 10%, you get **642C4F**, and if you desaturate by 10%, it is **644057**.

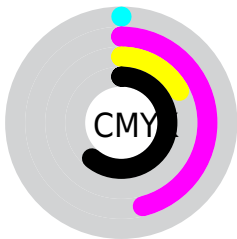
# Distribution



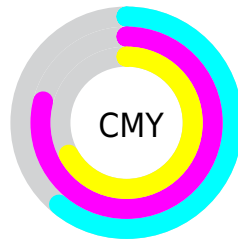
- Red (39%)
- Green (21%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (61%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 643653 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 643653 by changing the saturation by 10% instead.



643653

643653

FFFFFF

4B1F3C

986684

340926

B37F9F

210012

CF9ABA

000000

ECB5D5

FFD0F2

FFEDFF

643653

643653

642C4F

644057

64224C

644A5A

641848

64545E

640E44

645E62

640441

646865

64003F

647269

647C6D

648671

649074

# Harmonies

## Analogous

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



503D64



643653



6C343E

# Triad

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



643653



4A461C



004E5F

# Complementary

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



643653



366447

# 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.



00504C



643653



344C25

# Square

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



643653



5C3F1E



154F37



004B6B

# Rectangle

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



643653



6A3631



154F37



004F59



# Sweetspot

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



643653



82707B



473664



42373E



C2C2C2



424242



# Same Dimension

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



643653



823B68



64363C



332E31



730048



F20099



# Inverse Universe

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



643653



823B68



36645E



332E31



730048

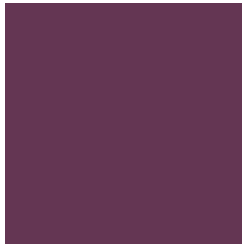


F20099



# Previews

## White Background



This preview shows how the Hex color 643653 looks on a white background.

## Color Contrast Check

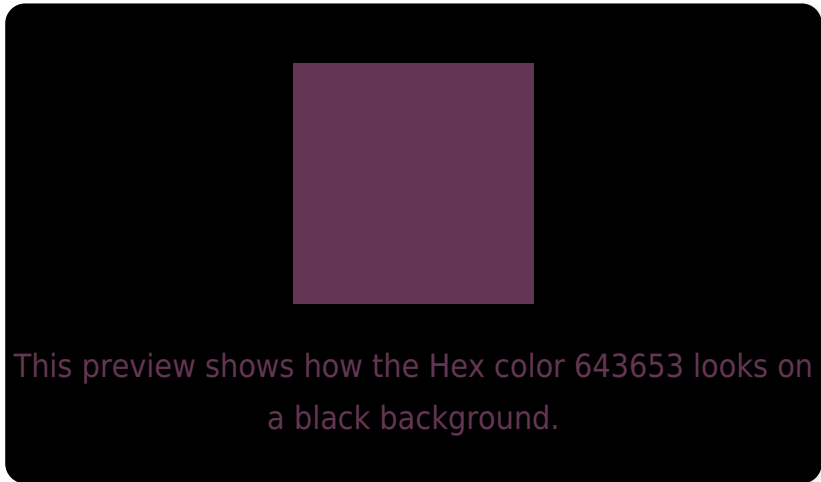
Large Text (above 18pt) WCAG AA ✓ Pass

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

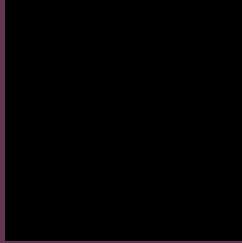
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 643653 Background



This preview shows how black text looks on a background with the Hex color 643653.



This preview shows how white text looks on a background with the Hex color 643653.

# 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**  
643653

**Protanopia**  
3F455D

**Deuteranopia**  
474451



**Tritanopia**  
623A3E

# Trichromacy



**Original Color**  
643653

**Protanomaly**  
4C4059

**Deuteranomaly**  
523F52

**Tritanomaly**  
633946

# Monochromacy



**Original Color**  
643653

**Achromatopsia**  
474747

**Achromatomaly**  
52414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 643653 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 #643653 looks like.

```
.text, #text, p{  
    color:#643653  
}
```

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 #643653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643653
}
```

## Border

The CSS property to change the border of an element to Hex 643653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

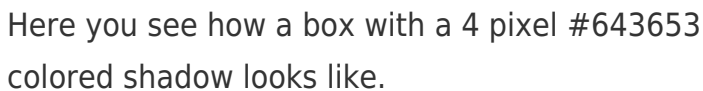
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643653 }
```

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

```
.border{ border-color:#643653 }
```

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



Here you see how a box with a 4 pixel #643653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643653; -webkit-box-shadow:4px 4px  
4px 4px #643653; box-shadow:4px 4px 4px  
4px #643653 }
```

# Background

The CSS property to change the background color of an element to Hex 643653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643653 }
```

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

```
.background{ background-color:#643653 }
```

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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