

Converting Colors

Hex(643D5A)

Have a look what the booklet for
Hex(643D5A) contains.

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Color

Hex(643D5A)

Conversions

Conversions Part 1

Format	Color
Hex	643D5A
RGB	100, 61, 90
RGB Percent	39%, 24%, 35%
CMY	0.6078, 0.7608, 0.6471
CMYK	0.00, 0.39, 0.10, 0.61
HSL	315°, 24%, 32%
HSV	315°, 39%, 39%
XYZ	8.7697, 6.7850, 10.5203
YIQ	75.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

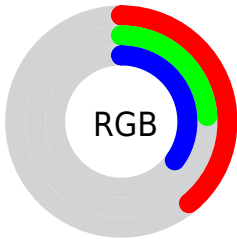
Format	Color
R_{YB}	100, 61, 90
Decimal	6569306
CIE Lab	31.31, 22.00, -10.20
CIE LCh	31, 24.253, 335.128
Yxy	6.7850, 0.3363, 0.2602
Android (android.graphics.Color)	4284759386 (0xFF643D5A)
YUV	75.9670, 6.9183, 21.0769
Hunter-Lab	26.0480, 14.5126, -5.7124

Details

The Hex color **643D5A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6447**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **986D8C**, and **34112C** is the 20% darker color. If you saturate the color by 10%, you get **643357**, and if you desaturate by 10%, it is **64475D**.

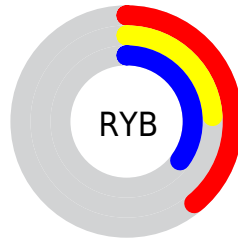
Distribution



 Red (39%)

 Green (24%)

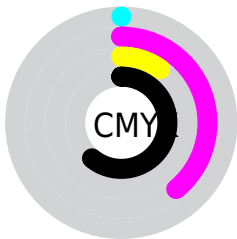
 Blue (35%)



 Red (39%)

 Yellow (24%)

 Blue (35%)

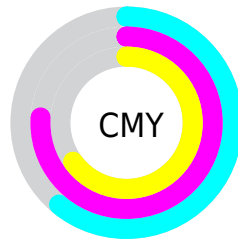


 Cyan (0%)

 Magenta (39%)

 Yellow (10%)

 Black (61%)



 Cyan (61%)

 Magenta (76%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643D5A 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 643D5A by changing the saturation by 10% instead.

643D5A

643D5A

FFFFFF

4C2643

986D8C

34112C

B387A6

210018

CEA1C2

000000

EBBCDE

FFD8FA

FFF5FF

643D5A

643D5A

643357

64475D

642955

64515F

641F52

645B62

641550

646564

640B4D

646F67

64014B

647969

64004A

64836C

648D6F

649771

Harmonies

Analogous

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



504369



643D5A



6D3A47

Triad

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



643D5A



524A23



00535F

Complementary

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



643D5A



3D6447

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.



00544C



643D5A



3E4F2A

Square

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



643D5A



624327



265239



00506C

Rectangle

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



643D5A



6E3B3B



265239



005359

Sweetspot

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



643D5A



82727E



473D64



423940



C2C2C2



424242

Same Dimension

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



643D5A



824572



643D47



332E32



730055



F200B4

Inverse Universe

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



643D5A



824572



3D645A



332E32



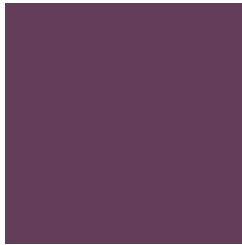
730055



F200B4

Previews

White Background



This preview shows how the Hex color 643D5A looks on a white background.

Color Contrast Check

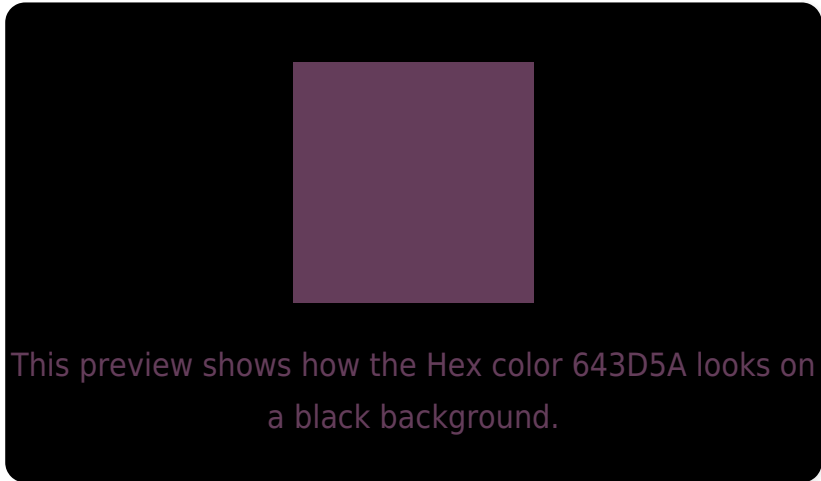
Large Text (above 18pt) WCAG AA ✓ Pass

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

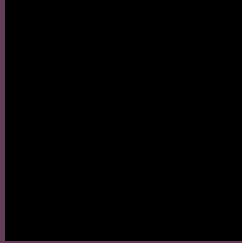
Any Text WCAG AA × Fail

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 643D5A Background



This preview shows how black text looks on a background with the Hex color 643D5A.



This preview shows how white text looks on a background with the Hex color 643D5A.

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
643D5A

Protanopia
434963

Deuteranopia
4A4858



Tritanopia
624146

Trichromacy



Original Color
643D5A

Protanomaly
4F4560

Deuteranomaly
534459

Tritanomaly
63404D

Monochromacy



Original Color
643D5A

Achromatopsia
4C4C4C

Achromatomaly
554751

CSS Examples

Text

The CSS property to change the color of the text to Hex 643D5A 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 #643D5A looks like.

```
.text, #text, p{  
    color:#643D5A  
}
```

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 #643D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643D5A
}
```

Border

The CSS property to change the border of an element to Hex 643D5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

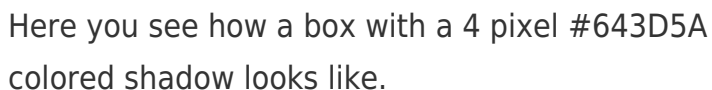
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643D5A }
```

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

```
.border{ border-color:#643D5A }
```

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



Here you see how a box with a 4 pixel #643D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643D5A; -webkit-box-shadow:4px 4px  
4px 4px #643D5A; box-shadow:4px 4px 4px  
4px #643D5A }
```

Background

The CSS property to change the background color of an element to Hex 643D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643D5A }
```

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

```
.background{ background-color:#643D5A }
```

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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