

Converting Colors

Hex(643153)

Have a look what the booklet for
Hex(643153) contains.

Hex(643153)	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(643153)

Conversions

Conversions Part 1

Format	Color
Hex	643153
RGB	100, 49, 83
RGB Percent	39%, 19%, 33%
CMY	0.6078, 0.8078, 0.6745
CMYK	0.00, 0.51, 0.17, 0.61
HSL	320°, 34%, 29%
HSV	320°, 51%, 39%
XYZ	7.9152, 5.5305, 8.8339
YIQ	68.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

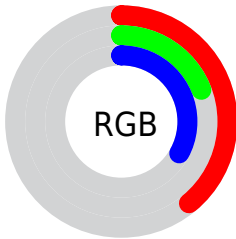
Format	Color
R_{YB}	100, 49, 83
Decimal	6566227
CIE _{Lab}	28.20, 27.85, -10.38
CIE _{LCh}	28, 29.720, 339.552
Yxy	5.5305, 0.3553, 0.2482
Android (android.graphics.Color)	4284756307 (0xFF643153)
YUV	68.1250, 7.3334, 27.9544
Hunter-Lab	23.5170, 18.9235, -5.8098

Details

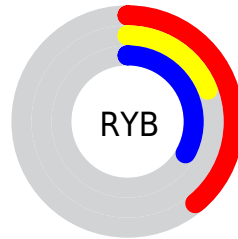
The Hex color **643153** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316442**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **986185**, and **330326** is the 20% darker color. If you saturate the color by 10%, you get **642750**, and if you desaturate by 10%, it is **643B56**.

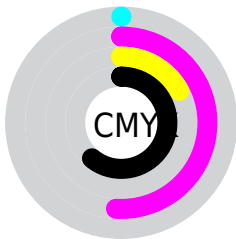
Distribution



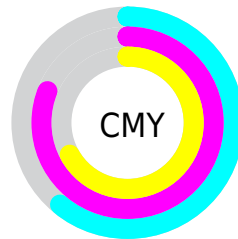
- Red (39%)
- Green (19%)
- Blue (33%)



- Red (39%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (61%)



- Cyan (61%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643153 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 643153 by changing the saturation by 10% instead.

■ 643153

■ 643153

FFFFFF

■ 4B1A3C

■ 986185

■ 330326

■ B47A9F

■ 1F0011

■ CF95BA

■ 000000

■ ECB0D5

■ FFCBF2

■ FFE8FF

■ 643153

■ 643153

■ 642750

■ 643B56

641D4C

64455A

641349

644F5D

640946

645960

640043

646364

646D67

64776A

64816E

648B71

Harmonies

Analogous

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



4E3966



643153



6D2E3C

Triad

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



643153



484412



004D5F

Complementary

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



643153



316442

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.



004E49



643153



30491D

Square

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



643153



5C3C17



054D32



00496D

Rectangle

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



643153



6C312D



054D32



004D58

Sweetspot

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



643153



826F7C



423164



42363E



C2C2C2



424242

Same Dimension

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



643153



823368



64313A



332E31



73004D



F200A2

Inverse Universe

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



643153



823368



31645B



332E31



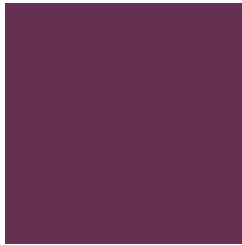
73004D



F200A2

Previews

White Background



This preview shows how the Hex color 643153 looks on a white background.

Color Contrast Check

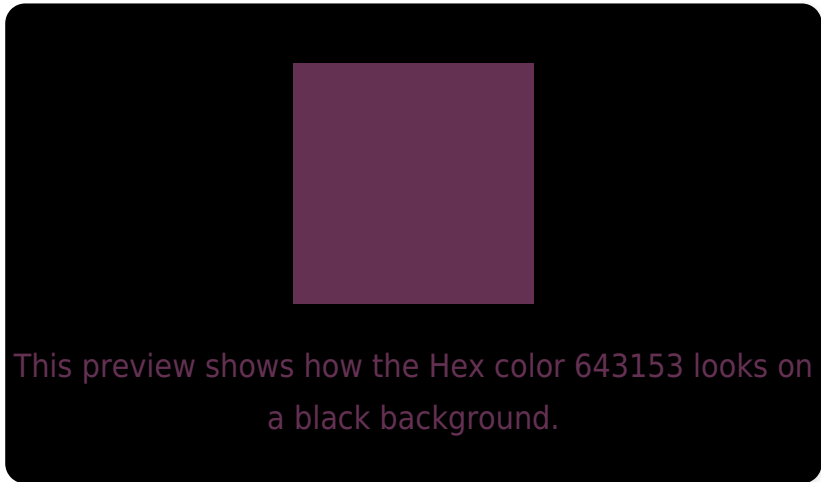
Large Text (above 18pt) WCAG AA ✓ Pass

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

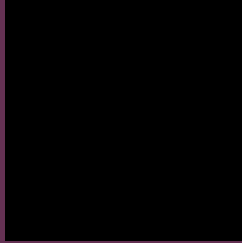
Any Text WCAG AA × Fail

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 643153 Background



This preview shows how black text looks on a background with the Hex color 643153.



This preview shows how white text looks on a background with the Hex color 643153.

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
643153

Protanopia
3A4260

Deuteranopia
434250



Tritanopia
61363A

Trichromacy



Original Color
643153

Protanomaly
493C5B

Deuteranomaly
4F3C51

Tritanomaly
623443

Monochromacy



Original Color
643153

Achromatopsia
444444

Achromatomaly
503D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 643153 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 #643153 looks like.

```
.text, #text, p{  
    color:#643153  
}
```

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 #643153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643153
}
```

Border

The CSS property to change the border of an element to Hex 643153 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".

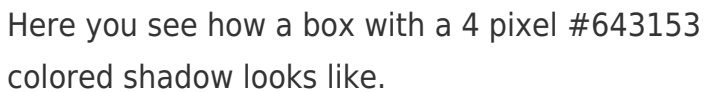
```
.border, #border, table{ border:4px solid
#643153 }
```

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

```
.border{ border-color:#643153 }
```

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

Here you see how a box with a 4 pixel #643153 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643153; -webkit-box-shadow:4px 4px  
4px 4px #643153; box-shadow:4px 4px 4px  
4px #643153 }
```

Background

The CSS property to change the background color of an element to Hex 643153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643153 }
```

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

```
.background{ background-color:#643153 }
```

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