

# Converting Colors

Hex(663053)

Have a look what the booklet for  
Hex(663053) contains.

<b>Hex(663053)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(663053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663053
RGB	102, 48, 83
RGB Percent	40%, 19%, 33%
CMY	0.6000, 0.8118, 0.6745
CMYK	0.00, 0.53, 0.19, 0.60
HSL	321°, 36%, 29%
HSV	321°, 53%, 40%
XYZ	8.0978, 5.5632, 8.8306
YIQ	68.1360, 20.9490, 22.3330

# Conversions

## Conversions Part 2

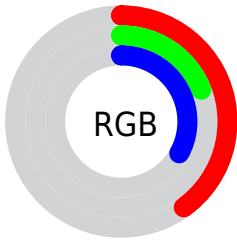
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 48, 83</a>
Decimal	<a href="#">6697043</a>
CIELab	<a href="#">28.28, 29.14, -10.22</a>
CIELCh	<a href="#">28, 30.879, 340.669</a>
Yxy	<a href="#">5.5632, 0.3600, 0.2473</a>
Android (android.graphics.Color)	<a href="#">4284887123 (0xFF663053)</a>
YUV	<a href="#">68.1360, 7.3280, 29.6987</a>
Hunter-Lab	<a href="#">23.5865, 20.0068, -5.6873</a>

# Details

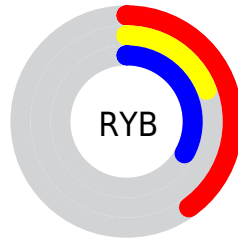
The Hex color **663053** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306643**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9B6085**, and **350126** is the 20% darker color. If you saturate the color by 10%, you get **66264F**, and if you desaturate by 10%, it is **663A57**.

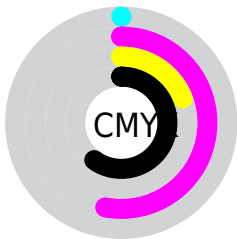
# Distribution



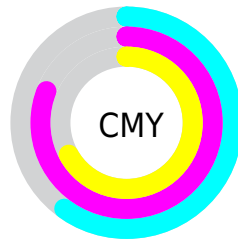
- Red (40%)
- Green (19%)
- Blue (33%)



- Red (40%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (19%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663053 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 663053 by changing the saturation by 10% instead.



 663053

 663053

FFFFFF

 4D193C

 9B6085

 350126

 B67A9F

 200011

 D294BA

 000000

 EFAFD5

 FFCAF2

 FFE7FF

 663053

 663053

 66264F

 663A57

661C4C

66445A

661148

664F5E

660745

665961

660042

666365

666D69

66776C

668270

668C73

# Harmonies

## Analogous

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



4F3967



663053



6E2D3B

# Triad

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



663053



484410



004D61

# Complementary

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



663053



306643

# 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.



004E4B



663053



2E4A1D

# Square

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



663053



5C3C14



004D32



004A6F

# Rectangle

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



663053



6D302C



004D32



004E5A



# Sweetspot

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



663053



856F7D



433066



42363E



C2C2C2



424242



# Same Dimension

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



663053



853067



663038



332E31



73004A



F2009D



# Inverse Universe

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



663053



853067



30665E



332E31



73004A

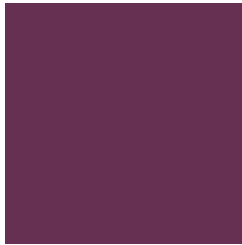


F2009D



# Previews

## White Background



This preview shows how the Hex color 663053 looks on a white background.

## Color Contrast Check

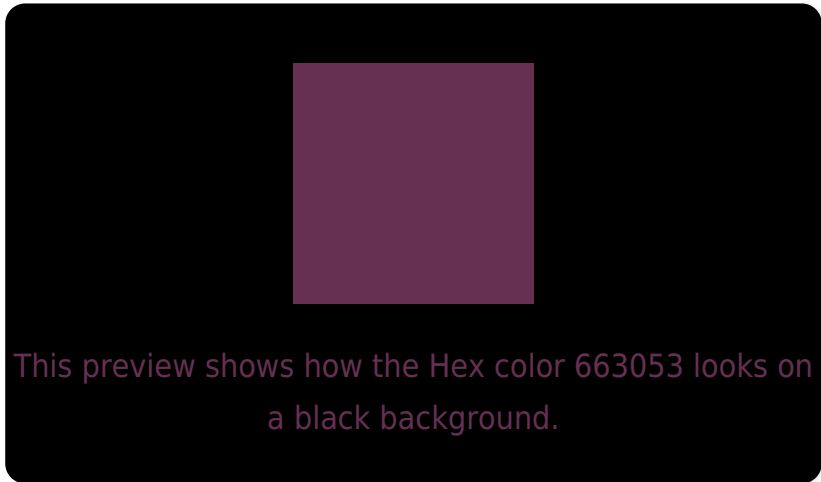
Large Text (above 18pt) WCAG AA ✓ Pass

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

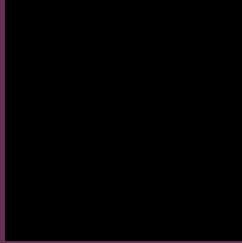
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663053 Background



This preview shows how black text looks on a background with the Hex color 663053.



This preview shows how white text looks on a background with the Hex color 663053.

# 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**  
663053

**Protanopia**  
3A4261

**Deuteranopia**  
444250



**Tritanopia**  
63363A

# Trichromacy



**Original Color**  
663053

**Protanomaly**  
4A3B5C

**Deuteranomaly**  
503B51

**Tritanomaly**  
643443

# Monochromacy



**Original Color**  
663053

**Achromatopsia**  
444444

**Achromatomaly**  
503D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663053 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 #663053 looks like.

```
.text, #text, p{  
    color:#663053  
}
```

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 #663053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663053  
}
```

## Border

The CSS property to change the border of an element to Hex 663053 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".

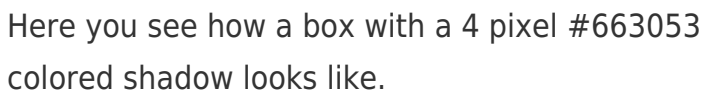
```
.border, #border, table{ border:4px solid  
#663053 }
```

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

```
.border{ border-color:#663053 }
```

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

Here you see how a box with a 4 pixel #663053 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663053; -webkit-box-shadow:4px 4px  
4px 4px #663053; box-shadow:4px 4px 4px  
4px #663053 }
```

# Background

The CSS property to change the background color of an element to Hex 663053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663053 }
```

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

```
.background{ background-color:#663053 }
```

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