

Converting Colors

Hex(663D83)

Have a look what the booklet for
Hex(663D83) contains.

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Color

Hex(663D83)

Conversions

Conversions Part 1

Format	Color
Hex	663D83
RGB	102, 61, 131
RGB Percent	40%, 24%, 51%
CMY	0.6000, 0.7608, 0.4863
CMYK	0.22, 0.53, 0.00, 0.49
HSL	275°, 36%, 38%
HSV	275°, 53%, 51%
XYZ	11.2450, 7.8010, 22.3858
YIQ	81.2390, 1.9660, 30.4620

Conversions

Conversions Part 2

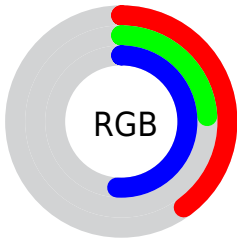
Format	Color
R_{YB}	102, 61, 131
Decimal	6700419
CIE _{Lab}	33.56, 31.82, -32.58
CIE _{LCh}	34, 45.541, 314.316
Yxy	7.8010, 0.2714, 0.1883
Android (android.graphics.Color)	4284890499 (0xFF663D83)
YUV	81.2390, 24.5322, 18.2074
Hunter-Lab	27.9302, 22.9880, -27.9692




Details

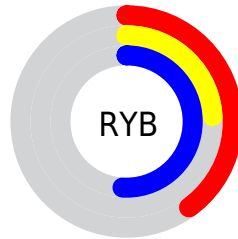
The Hex color **663D83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A833D**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **9B6EB8**, and **340F51** is the 20% darker color. If you saturate the color by 10%, you get **613083**, and if you desaturate by 10%, it is **6B4A83**.

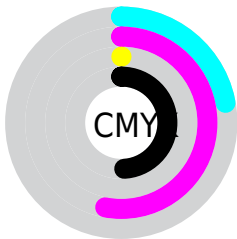
Distribution







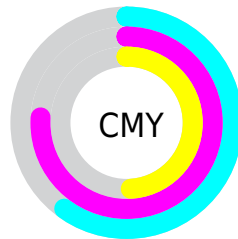
-  Red (40%)
-  Green (24%)
-  Blue (51%)






-  Red (40%)
-  Yellow (24%)
-  Blue (51%)



-  Cyan (22%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (60%)
-  Magenta (76%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663D83 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 663D83 by changing the saturation by 10% instead.

 663D83

 663D83

FFFFFF

 4D266A

 9B6EB8

 340F51

 B688D4

 1E003A

 D2A2F1

 000023

 EFBEFF

 00000A

 FFDAFF

 000000

 FFF6FF

 663D83

 663D83

 613083

 6B4A83

■ 5B2383

■ 715783

■ 561683

■ 766483

■ 500983

■ 7C7183

■ 4D0083

■ 817F83

■ 878C83

■ 8C9983

■ 91A683

■ 97B383

Harmonies

Analogous

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



1E4D95



663D83



862D63

Triad

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



663D83



6F4600



005F60

Complementary

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



663D83



5A833D

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.



005E3A



663D83



505300

Square

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



663D83



86361D



255A16



005E81

Rectangle

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



663D83



8E284B



255A16



005F53

Sweetspot

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



663D83



A090AB



3D5A83



504657



D6D6D6



575757

Same Dimension

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



663D83



7E3EAB



833D7D



403C42



4C0082



010003

Inverse Universe

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



833D5A



AB3E6B



3D8343



423C3E



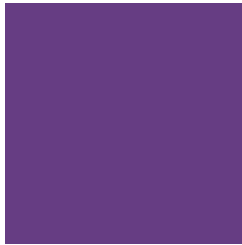
820036



030001

Previews

White Background



This preview shows how the Hex color 663D83 looks on a white background.

Color Contrast Check

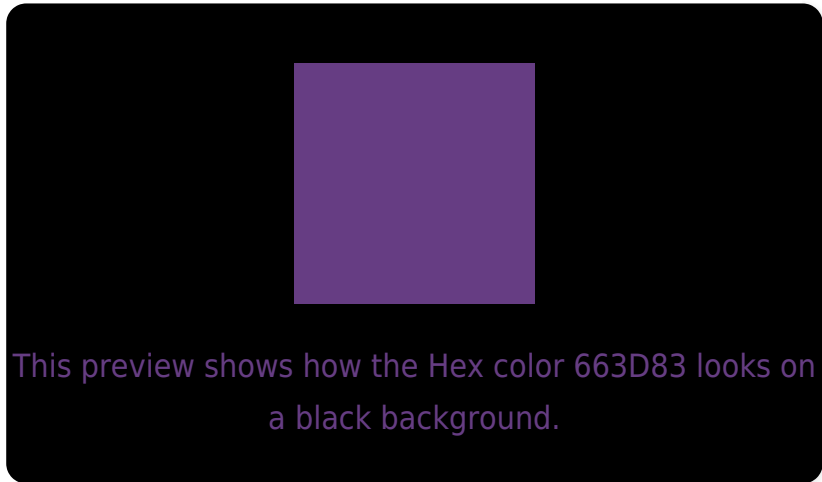
Large Text (above 18pt) WCAG AA ✓ Pass

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

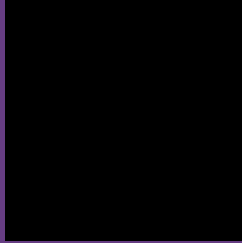
Any Text WCAG AA × Fail

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 663D83 Background



This preview shows how black text looks on a background with the Hex color 663D83.



This preview shows how white text looks on a background with the Hex color 663D83.

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





Tritanopia
5E4A50

Trichromacy



Original Color
663D83

Protanomaly
41478D

Deuteranomaly
464980

Tritanomaly
614563

Monochromacy



Original Color
663D83

Achromatopsia
515151

Achromatomaly
594A63

CSS Examples

Text

The CSS property to change the color of the text to Hex 663D83 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 #663D83 looks like.

```
.text, #text, p{  
    color:#663D83  
}
```

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 #663D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663D83
}
```

Border

The CSS property to change the border of an element to Hex 663D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

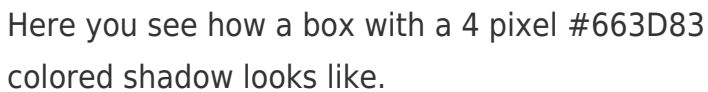
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663D83 }
```

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

```
.border{ border-color:#663D83 }
```

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



Here you see how a box with a 4 pixel #663D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663D83; -webkit-box-shadow:4px 4px  
4px 4px #663D83; box-shadow:4px 4px 4px  
4px #663D83 }
```

Background

The CSS property to change the background color of an element to Hex 663D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663D83 }
```

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

```
.background{ background-color:#663D83 }
```

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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