

Converting Colors

Hex(663C7E)

Have a look what the booklet for
Hex(663C7E) contains.

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Color

Hex(663C7E)

Conversions

Conversions Part 1

Format	Color
Hex	663C7E
RGB	102, 60, 126
RGB Percent	40%, 24%, 49%
CMY	0.6000, 0.7647, 0.5059
CMYK	0.19, 0.52, 0.00, 0.51
HSL	278°, 35%, 36%
HSV	278°, 52%, 49%
XYZ	10.8612, 7.5629, 20.6260
YIQ	80.0820, 3.8460, 29.4300

Conversions

Conversions Part 2

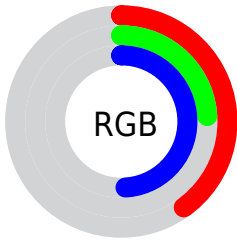
Format	Color
R_{YB}	102, 60, 126
Decimal	6700158
CIE _{Lab}	33.06, 31.19, -30.29
CIE _{LCh}	33, 43.473, 315.841
Yxy	7.5629, 0.2781, 0.1937
Android (android.graphics.Color)	4284890238 (0xFF663C7E)
YUV	80.0820, 22.6376, 19.2221
Hunter-Lab	27.5006, 22.3716, -25.2181

Details

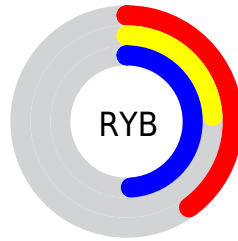
The Hex color **663C7E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **547E3C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9B6DB3**, and **340E4C** is the 20% darker color. If you saturate the color by 10%, you get **612F7E**, and if you desaturate by 10%, it is **6B497E**.

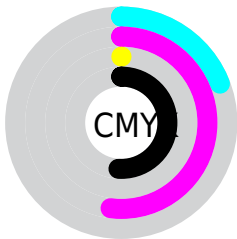
Distribution



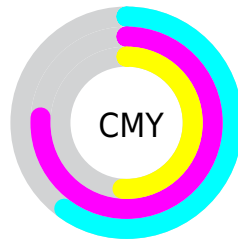
- Red (40%)
- Green (24%)
- Blue (49%)



- Red (40%)
- Yellow (24%)
- Blue (49%)



- Cyan (19%)
- Magenta (52%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663C7E 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 663C7E by changing the saturation by 10% instead.

663C7E

663C7E

FFFFFF

4D2565

9B6DB3

340E4C

B687CF

1F0035

D2A1EB

00011F

EFBCFF

000003

FFD8FF

000000

FFF5FF

663C7E

663C7E

612F7E

6B497E

■ 5D237E

■ 6F557E

■ 58167E

■ 74627E

■ 540A7E

■ 786E7E

■ 50007E

■ 7D7B7E

■ 81887E

■ 86947E

■ 8BA17E

■ 8FAD7E

Harmonies

Analogous

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



284B90



663C7E



832D5F

Triad

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



663C7E



6B4601



005E5F

Complementary

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



663C7E



547E3C

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.



005D3C



663C7E



4D5200

Square

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



663C7E



82371D



23591A



005C7E

Rectangle

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



663C7E



8A2A48



23591A



005E54

Sweetspot

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



663C7E



9A89A3



3C547E



4C4252



D1D1D1



525252

Same Dimension

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



663C7E



7E3CA3



7E3C75



3D3940



510080



000000

Inverse Universe

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



7E3C54



A33C62



3C7E45



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 663C7E looks on a white background.

Color Contrast Check

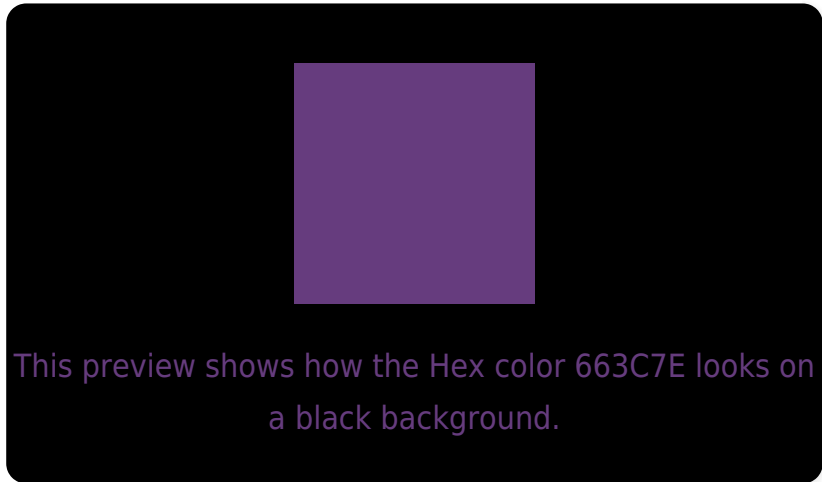
Large Text (above 18pt) WCAG AA ✓ Pass

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

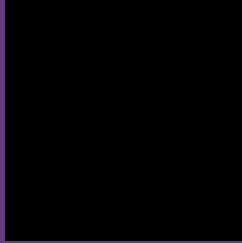
Any Text WCAG AA × Fail

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 663C7E Background



This preview shows how black text looks on a background with the Hex color 663C7E.

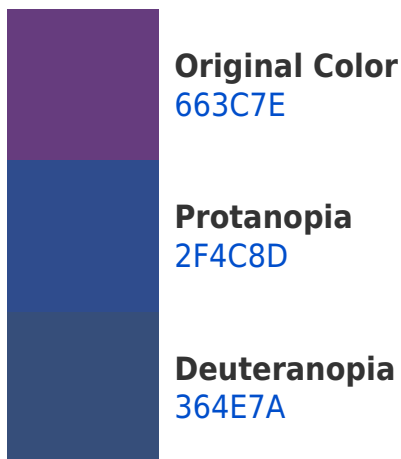


This preview shows how white text looks on a background with the Hex color 663C7E.

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
5E484E

Trichromacy



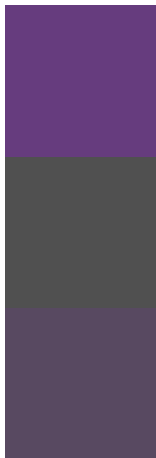
Original Color
663C7E

Protanomaly
434688

Deuteranomaly
47477B

Tritanomaly
61445F

Monochromacy



Original Color
663C7E

Achromatopsia
505050

Achromatomaly
584961

CSS Examples

Text

The CSS property to change the color of the text to Hex 663C7E 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 #663C7E looks like.

```
.text, #text, p{  
    color:#663C7E  
}
```

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 #663C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663C7E
}
```

Border

The CSS property to change the border of an element to Hex 663C7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

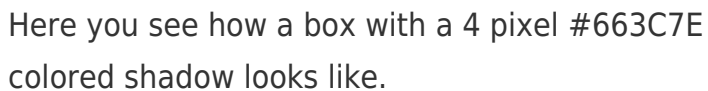
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663C7E }
```

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

```
.border{ border-color:#663C7E }
```

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



Here you see how a box with a 4 pixel #663C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663C7E; -webkit-box-shadow:4px 4px  
4px 4px #663C7E; box-shadow:4px 4px 4px  
4px #663C7E }
```

Background

The CSS property to change the background color of an element to Hex 663C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663C7E }
```

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

```
.background{ background-color:#663C7E }
```

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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