

# Converting Colors

Hex(663B70)

Have a look what the booklet for  
Hex(663B70) contains.

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# Color

**Hex(663B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663B70
RGB	102, 59, 112
RGB Percent	40%, 23%, 44%
CMY	0.6000, 0.7686, 0.5608
CMYK	0.09, 0.47, 0.00, 0.56
HSL	289°, 31%, 34%
HSV	289°, 47%, 44%
XYZ	9.9681, 7.1226, 16.1786
YIQ	77.8990, 8.6150, 25.5990

# Conversions

## Conversions Part 2

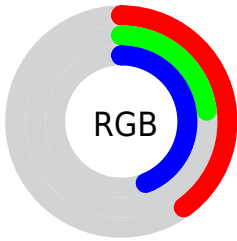
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 59, 112
Decimal	6699888
CIE <sub>Lab</sub>	32.08, 28.53, -23.03
CIE <sub>LCh</sub>	32, 36.665, 321.093
Yxy	7.1226, 0.2996, 0.2141
Android (android.graphics.Color)	4284889968 (0xFF663B70)
YUV	77.8990, 16.8118, 21.1366
Hunter-Lab	26.6881, 19.9660, -17.2606

# Details

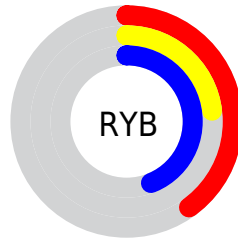
The Hex color **663B70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45703B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9A6CA4**, and **350D40** is the 20% darker color. If you saturate the color by 10%, you get **643070**, and if you desaturate by 10%, it is **684670**.

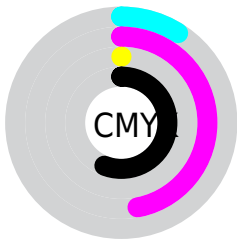
# Distribution



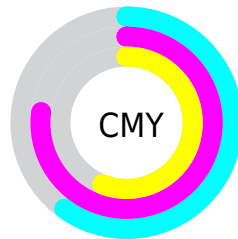
- Red (40%)
- Green (23%)
- Blue (44%)



- Red (40%)
- Yellow (23%)
- Blue (44%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (77%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663B70 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 663B70 by changing the saturation by 10% instead.



663B70

663B70

FFFFFF

4D2457

9A6CA4

350D40

B585BF

21002A

D1A0DB

000114

EEBBF8

000000

FFD7FF

FFF3FF

663B70

663B70

643070

684670

622570

6A5170

601970

6C5D70

5E0E70

6E6870

5B0370

717370

5B0070

737E70

758970

779570

79A070

# Harmonies

## Analogous

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



3C4781



663B70



7B3155

# Triad

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



663B70



62470D



00595F

# Complementary

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



663B70



45703B

# 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.



005942



663B70



475010

# Square

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



663B70



763C1F



235625



005778

# Rectangle

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



663B70



803042



235625



005956



# Sweetspot

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



663B70



8E7D91



3B4670



483D4A



C9C9C9



4A4A4A



# Same Dimension

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



663B70



823F91



703B60



373238



610078



C900F7



# Inverse Universe

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



703B45



913F4E



3B704B



383234



780017



F7002F



# Previews

## White Background



This preview shows how the Hex color 663B70 looks on a white background.

## Color Contrast Check

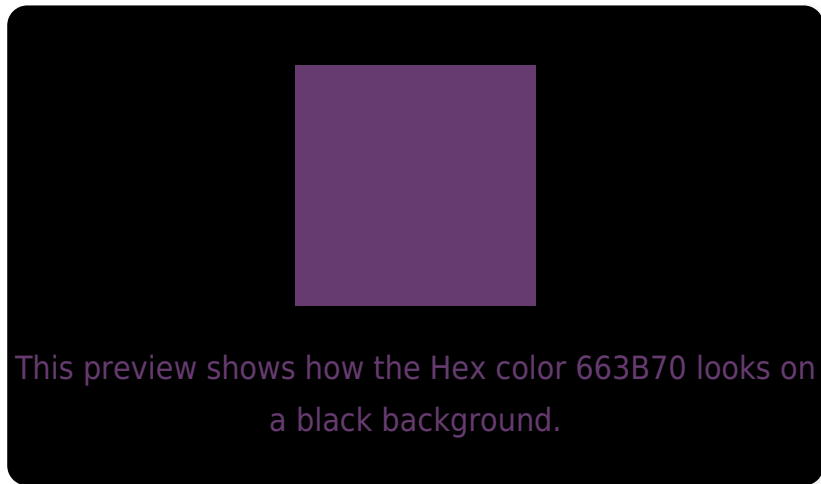
Large Text (above 18pt) WCAG AA ✓ Pass

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

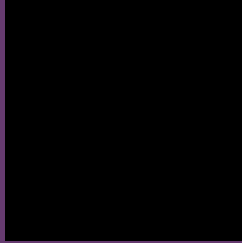
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663B70 Background



This preview shows how black text looks on a background with the Hex color 663B70.

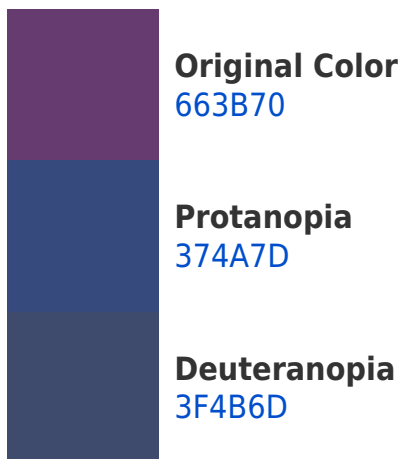



This preview shows how white text looks on a background with the Hex color 663B70.

# 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**  
614449

# Trichromacy



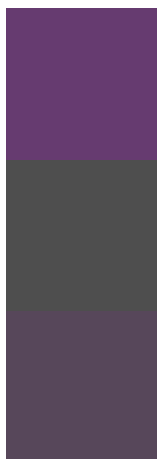
**Original Color**  
663B70

**Protanomaly**  
484578

**Deuteranomaly**  
4D456E

**Tritanomaly**  
634157

# Monochromacy



**Original Color**  
663B70

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
57475A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663B70 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 #663B70 looks like.

```
.text, #text, p{  
    color:#663B70  
}
```

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 #663B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B70
}
```

## Border

The CSS property to change the border of an element to Hex 663B70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

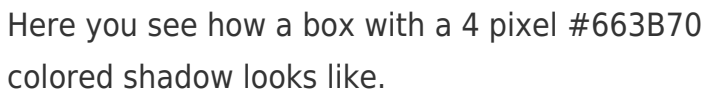
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B70 }
```

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

```
.border{ border-color:#663B70 }
```

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



Here you see how a box with a 4 pixel #663B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B70; -webkit-box-shadow:4px 4px  
4px 4px #663B70; box-shadow:4px 4px 4px  
4px #663B70 }
```

# Background

The CSS property to change the background color of an element to Hex 663B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B70 }
```

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

```
.background{ background-color:#663B70 }
```

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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