

# Converting Colors

Hex(663B93)

Have a look what the booklet for  
Hex(663B93) contains.

<b>Hex(663B93)</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> .....	28

# Color

**Hex(663B93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663B93
RGB	102, 59, 147
RGB Percent	40%, 23%, 58%
CMY	0.6000, 0.7686, 0.4235
CMYK	0.31, 0.60, 0.00, 0.42
HSL	269°, 43%, 40%
HSV	269°, 60%, 58%
XYZ	12.3099, 8.0593, 28.5106
YIQ	81.8890, -2.6200, 36.4840

# Conversions

## Conversions Part 2

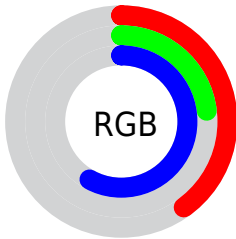
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 59, 147</a>
Decimal	<a href="#">6699923</a>
CIELab	<a href="#">34.11, 37.00, -41.56</a>
CIELCh	<a href="#">34, 55.645, 311.676</a>
Yxy	<a href="#">8.0593, 0.2518, 0.1649</a>
Android (android.graphics.Color)	<a href="#">4284890003 (0xFF663B93)</a>
YUV	<a href="#">81.8890, 32.0997, 17.6373</a>
Hunter-Lab	<a href="#">28.3889, 27.7201, -39.6719</a>

# Details

The Hex color **663B93** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **68933B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9C6CCA**, and **320B60** is the 20% darker color. If you saturate the color by 10%, you get **5E2C93**, and if you desaturate by 10%, it is **6E4A93**.

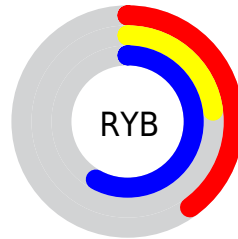
# Distribution



Red (40%)

Green (23%)

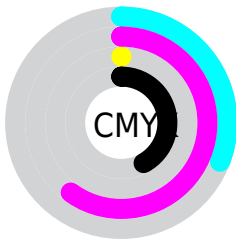
Blue (58%)



Red (40%)

Yellow (23%)

Blue (58%)

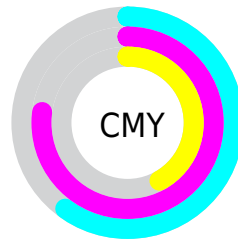


Cyan (31%)

Magenta (60%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (77%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663B93 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 663B93 by changing the saturation by 10% instead.



663B93

663B93

FFFFFF

4C2379

9C6CCA

320B60

B886E6

190047

D4A1FF

000030

F1BCFF

00011A

FFD8FF

000000

FFF5FF

663B93

663B93

5E2C93

6E4A93

■ 571E93

■ 755893

■ 4F0F93

■ 7D6793

■ 480093

■ 847693

■ 8C8493

■ 939393

■ 9BA293

■ A2B193

■ AABF93

# Harmonies

## Analogous

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



0050A8



663B93



90206D

# Triad

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



663B93



784400



006361

# Complementary

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



663B93



68933B

# 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.



006232



663B93



535400

# Square

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



663B93



922D16



1B5D00



00628A

# Rectangle

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



663B93



9B1450



1B5D00



006352



# Sweetspot

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



663B93



AE9DBF



3B6893



564C61



E0E0E0



616161



# Same Dimension

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



663B93



7936BF



923B93



46434A



43008A



05000A



# Inverse Universe

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



933B68



BF367C



3C933B



4A4346



8A0046



0A0005



# Previews

## White Background



This preview shows how the Hex color 663B93 looks on a white background.

## Color Contrast Check

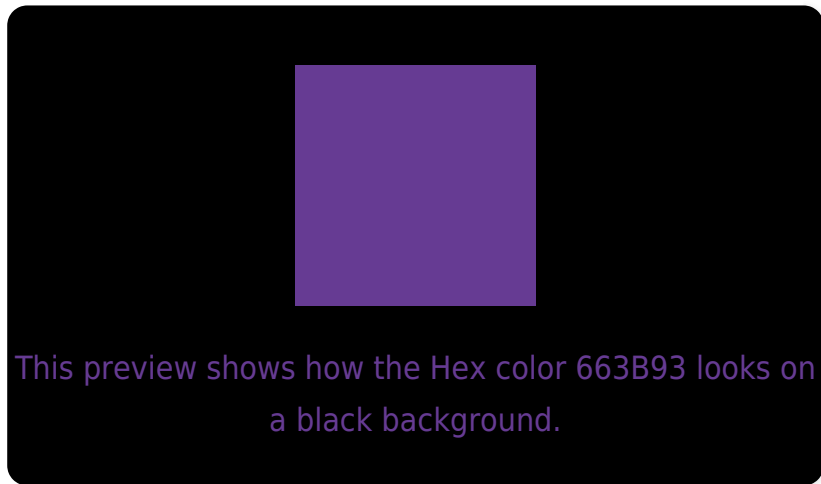
Large Text (above 18pt) WCAG AA ✓ Pass

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

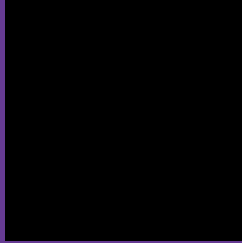
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663B93 Background



This preview shows how black text looks on a background with the Hex color 663B93.

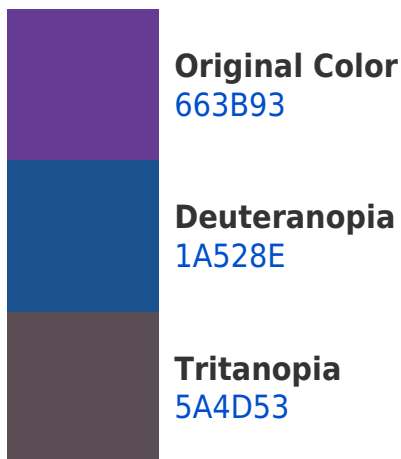


This preview shows how white text looks on a background with the Hex color 663B93.

# 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



# Trichromacy



**Original Color**  
663B93

**Deuteranomaly**  
364A90

**Tritanomaly**  
5E466A

# Monochromacy



**Original Color**  
663B93

**Achromatopsia**  
525252

**Achromatomaly**  
594A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663B93 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 #663B93 looks like.

```
.text, #text, p{  
    color:#663B93  
}
```

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 #663B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B93
}
```

## Border

The CSS property to change the border of an element to Hex 663B93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

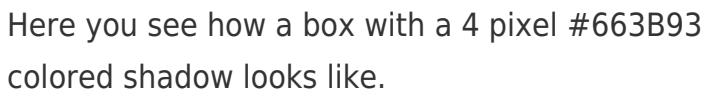
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B93 }
```

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

```
.border{ border-color:#663B93 }
```

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



Here you see how a box with a 4 pixel #663B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B93; -webkit-box-shadow:4px 4px  
4px 4px #663B93; box-shadow:4px 4px 4px  
4px #663B93 }
```

# Background

The CSS property to change the background color of an element to Hex 663B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B93 }
```

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

```
.background{ background-color:#663B93 }
```

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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