

# Converting Colors

Hex(663968)

Have a look what the booklet for  
Hex(663968) contains.

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# Color

**Hex(663968)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663968
RGB	102, 57, 104
RGB Percent	40%, 22%, 41%
CMY	0.6000, 0.7765, 0.5922
CMYK	0.02, 0.45, 0.00, 0.59
HSL	297°, 29%, 32%
HSV	297°, 45%, 41%
XYZ	9.4413, 6.7505, 13.9021
YIQ	75.8130, 11.7330, 24.1570

# Conversions

## Conversions Part 2

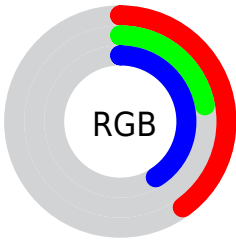
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 57, 104
Decimal	6699368
CIE <sub>Lab</sub>	31.23, 27.98, -19.27
CIE <sub>LCh</sub>	31, 33.973, 325.434
Yxy	6.7505, 0.3137, 0.2243
Android (android.graphics.Color)	4284889448 (0xFF663968)
YUV	75.8130, 13.8962, 22.9660
Hunter-Lab	25.9817, 19.3957, -13.5371

# Details

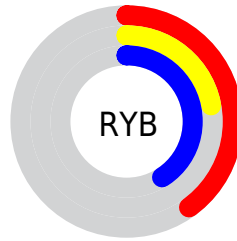
The Hex color **663968** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B6839**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9A6A9B**, and **350B39** is the 20% darker color. If you saturate the color by 10%, you get **662F68**, and if you desaturate by 10%, it is **664368**.

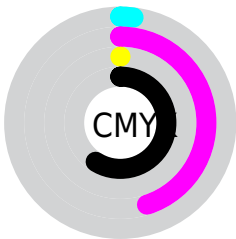
# Distribution



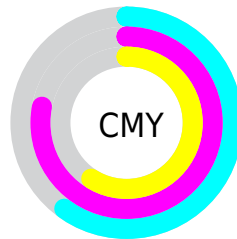
- Red (40%)
- Green (22%)
- Blue (41%)



- Red (40%)
- Yellow (22%)
- Blue (41%)



- Cyan (2%)
- Magenta (45%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (78%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663968 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 663968 by changing the saturation by 10% instead.



 663968

 663968

FFFFFF

 4D2250

 9A6A9B

 350B39

 B583B6

 220023

 D19ED2

 00000A

 EEB9EE

 000000

 FFD5FF

 FFF1FF

 663968

 663968

 662F68

 664368

652468

674E68

651A68

675868

640F68

686368

640568

686D68

640068

697768

698268

6A8C68

6A9768

# Harmonies

## Analogous

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



43447A



663968



77324F

# Triad

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



663968



5B4711



005660

# Complementary

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



663968



3B6839

# 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.



005644



663968



424F16

# Square

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



663968



6F3D1E



1F542A



005475

# Rectangle

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



663968



7A323D



1F542A



005657



# Sweetspot

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



663968



867487



393B68



443945



C4C4C4



454545



# Same Dimension

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



663968



843E87



683953



332E33



6E0073



E800F2



# Inverse Universe

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



68393B



873E41



39684E



332E2E



730005

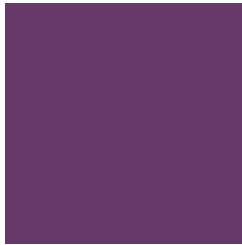


F2000A



# Previews

## White Background



This preview shows how the Hex color 663968 looks on a white background.

## Color Contrast Check

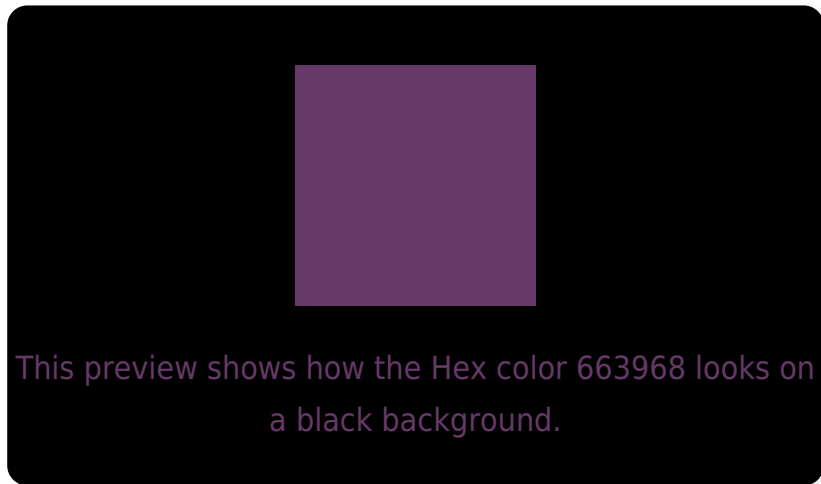
Large Text (above 18pt) WCAG AA ✓ Pass

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

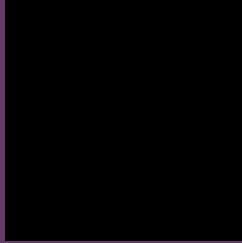
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663968 Background



This preview shows how black text looks on a background with the Hex color 663968.

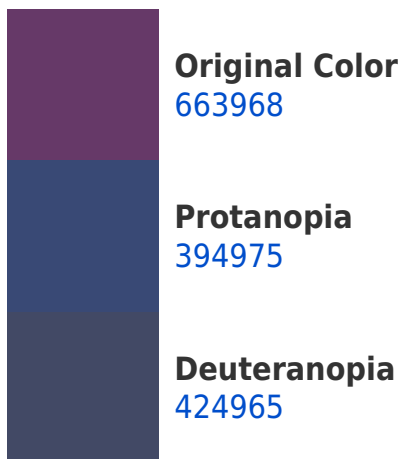



This preview shows how white text looks on a background with the Hex color 663968.

# 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**  
624146

# Trichromacy



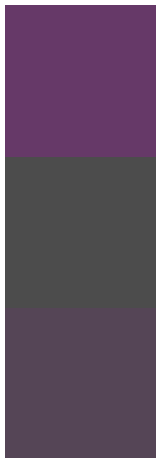
**Original Color**  
663968

**Protanomaly**  
494370

**Deuteranomaly**  
4F4366

**Tritanomaly**  
633E52

# Monochromacy



**Original Color**  
663968

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
554556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663968 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 #663968 looks like.

```
.text, #text, p{  
    color:#663968  
}
```

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 #663968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663968
}
```

## Border

The CSS property to change the border of an element to Hex 663968 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
#663968 }
```

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

```
.border{ border-color:#663968 }
```

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

Here you see how a box with a 4 pixel #663968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663968; -webkit-box-shadow:4px 4px  
4px 4px #663968; box-shadow:4px 4px 4px  
4px #663968 }
```

# Background

The CSS property to change the background color of an element to Hex 663968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663968 }
```

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

```
.background{ background-color:#663968 }
```

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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