

Converting Colors

Hex(633696)

Have a look what the booklet for
Hex(633696) contains.

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Color

Hex(633696)

Conversions

Conversions Part 1

Format	Color
Hex	633696
RGB	99, 54, 150
RGB Percent	39%, 21%, 59%
CMY	0.6118, 0.7882, 0.4118
CMYK	0.34, 0.64, 0.00, 0.41
HSL	268°, 47%, 40%
HSV	268°, 64%, 59%
XYZ	11.9698, 7.4930, 29.6696
YIQ	78.3990, -3.9960, 39.3960

Conversions

Conversions Part 2

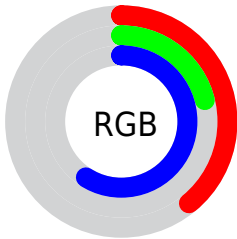
Format	Color
R_{YB}	99, 54, 150
Decimal	6502038
CIE Lab	32.90, 39.83, -45.35
CIE LCh	33, 60.354, 311.295
Yxy	7.4930, 0.2436, 0.1525
Android (android.graphics.Color)	4284692118 (0xFF633696)
YUV	78.3990, 35.2993, 18.0671
Hunter-Lab	27.3733, 30.1510, -45.1023

Details

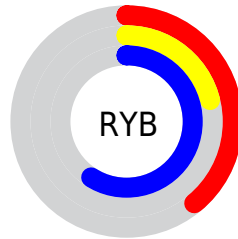
The Hex color **633696** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **699636**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9967CD**, and **2E0462** is the 20% darker color. If you saturate the color by 10%, you get **5B2796**, and if you desaturate by 10%, it is **6B4596**.

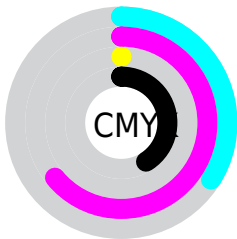
Distribution



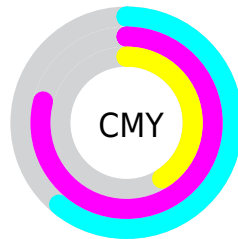
- Red (39%)
- Green (21%)
- Blue (59%)



- Red (39%)
- Yellow (21%)
- Blue (59%)



- Cyan (34%)
- Magenta (64%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (79%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633696 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 633696 by changing the saturation by 10% instead.

 633696

 633696

FFFFFF

 491E7C

 9967CD

 2E0462

 B581E9

 14004A

 D29CFF

 000032

 EFB7FF

 00021C

 FFD3FF

 000000

 FFF0FF

 633696

 633696

 5B2796

 6B4596

■ 531896

■ 735496

■ 4B0996

■ 7B6396

■ 460096

■ 837296

■ 8B8196

■ 939096

■ 9B9F96

■ A3AE96

■ ABBD96

Harmonies

Analogous

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



004EAC



633696



91106D

Triad

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



633696



774000



00615F

Complementary

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



633696



699636

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.



005F2C



633696



4F5100

Square

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



633696



93240E



0D5B00



00608C

Rectangle

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



633696



9D004E



0D5B00



00614E

Sweetspot

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



633696



AE9DC2



366996



554B61



E0E0E0



616161

Same Dimension

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



633696



732DC2



933696



46434A



41008A



05000A

Inverse Universe

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



963669



C22D7C



399636



4A4346



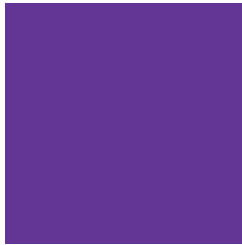
8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 633696 looks on a white background.

Color Contrast Check

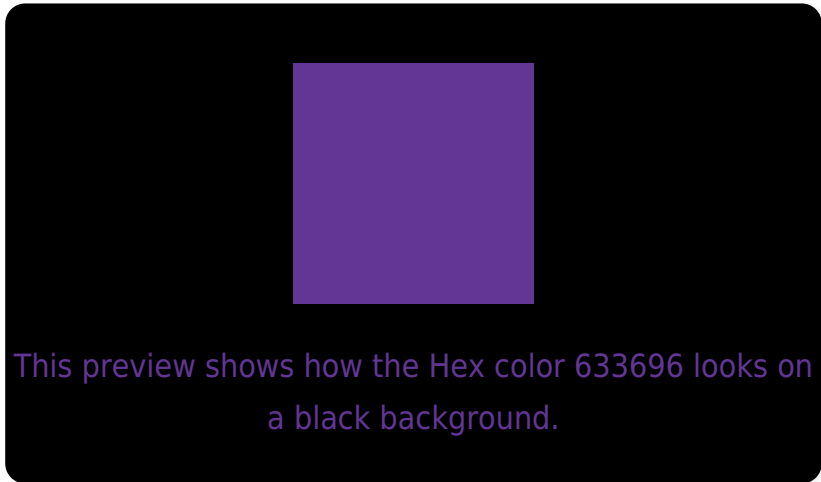
Large Text (above 18pt) WCAG AA ✓ Pass

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

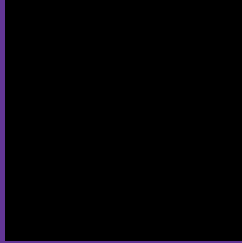
Any Text WCAG AA × Fail

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 633696 Background



This preview shows how black text looks on a background with the Hex color 633696.

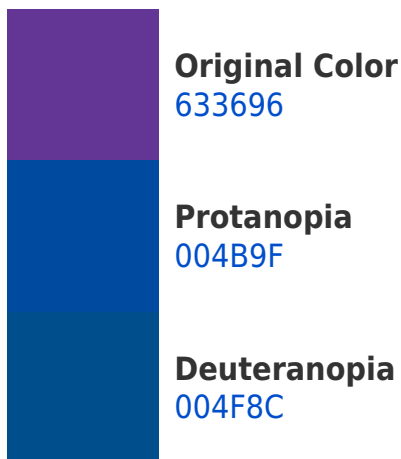


This preview shows how white text looks on a background with the Hex color 633696.

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](#).

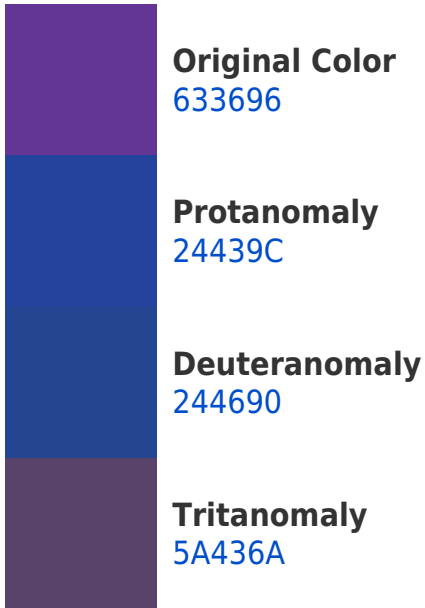
Dichromacy



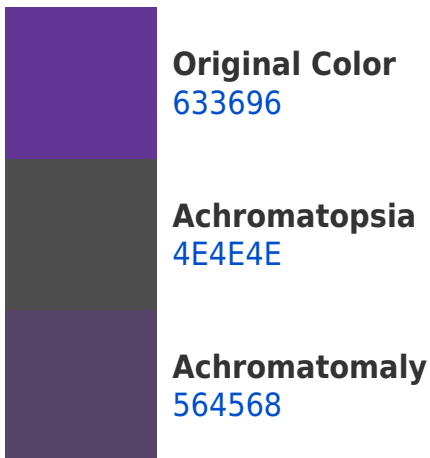


Tritanopia
554B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 633696 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 #633696 looks like.

```
.text, #text, p{  
    color:#633696  
}
```

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 #633696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633696
}
```

Border

The CSS property to change the border of an element to Hex 633696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

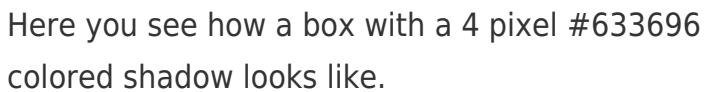
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633696 }
```

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

```
.border{ border-color:#633696 }
```

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



Here you see how a box with a 4 pixel #633696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633696; -webkit-box-shadow:4px 4px  
4px 4px #633696; box-shadow:4px 4px 4px  
4px #633696 }
```

Background

The CSS property to change the background color of an element to Hex 633696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633696 }
```

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

```
.background{ background-color:#633696 }
```

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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