

Converting Colors

Hex(633294)

Have a look what the booklet for
Hex(633294) contains.

Hex(633294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(633294)

Conversions

Conversions Part 1

Format	Color
Hex	633294
RGB	99, 50, 148
RGB Percent	39%, 20%, 58%
CMY	0.6118, 0.8039, 0.4196
CMYK	0.33, 0.66, 0.00, 0.42
HSL	270°, 49%, 39%
HSV	270°, 66%, 58%
XYZ	11.6315, 7.0720, 28.7690
YIQ	75.8230, -2.2540, 40.8660

Conversions

Conversions Part 2

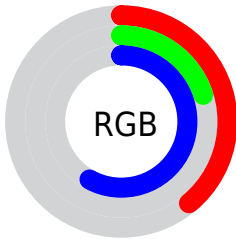
Format	Color
R_{YB}	99, 50, 148
Decimal	6501012
CIE _{Lab}	31.97, 41.47, -45.63
CIE _{LCh}	32, 61.659, 312.266
Yxy	7.0720, 0.2450, 0.1490
Android (android.graphics.Color)	4284691092 (0xFF633294)
YUV	75.8230, 35.5833, 20.3262
Hunter-Lab	26.5932, 31.5354, -45.5257

Details

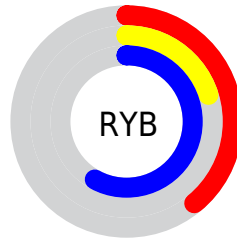
The Hex color **633294** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **639432**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9964CB**, and **2E0060** is the 20% darker color. If you saturate the color by 10%, you get **5C2394**, and if you desaturate by 10%, it is **6A4194**.

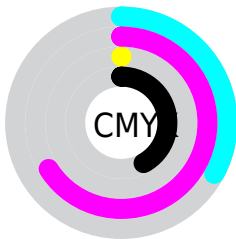
Distribution



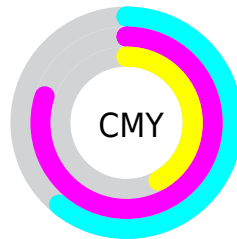
- Red (39%)
- Green (20%)
- Blue (58%)



- Red (39%)
- Yellow (20%)
- Blue (58%)



- Cyan (33%)
- Magenta (66%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (80%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633294 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 633294 by changing the saturation by 10% instead.

633294

633294

FFFFFF

49197A

9964CB

2E0060

B57DE7

150048

D298FF

000031

EFB3FF

00011B

FFCFFF

000000

FFEBFF

633294

633294

5C2394

6A4194

■ 541494

■ 725094

■ 4D0694

■ 795E94

■ 4A0094

■ 816D94

■ 887C94

■ 8F8B94

■ 979A94

■ 9EA894

■ A6B794

Harmonies

Analogous

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



004BAC



633294



91026A

Triad

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



633294



743E00



005F5F

Complementary

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



633294



639432

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.



005D2B



633294



4B4F00

Square

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



633294



912008



005900



005E8C

Rectangle

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



633294



9C004A



005900



005F4E

Sweetspot

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



633294



AC99BF



326394



554A61



E0E0E0



616161

Same Dimension

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



633294



7428BF



943294



46434A



45008A



05000A

Inverse Universe

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



943263



BF2874



329432



4A4346



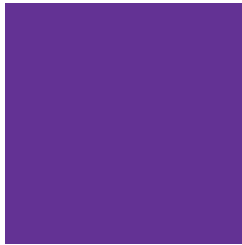
8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 633294 looks on a white background.

Color Contrast Check

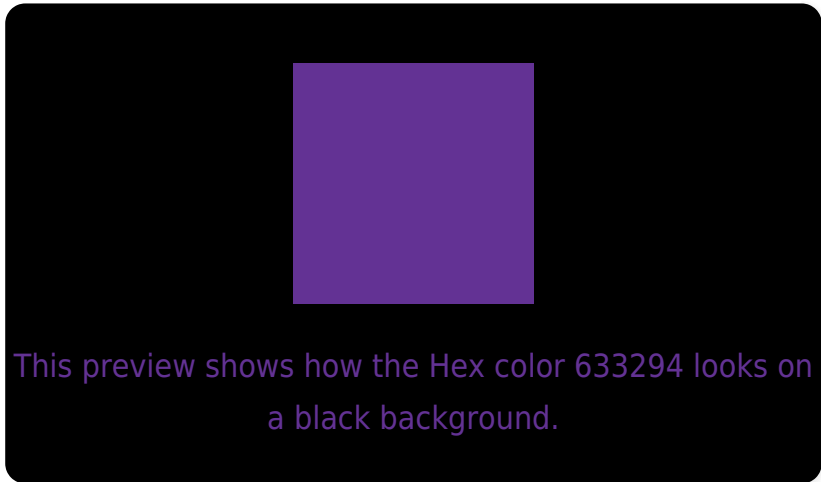
Large Text (above 18pt) WCAG AA ✓ Pass

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

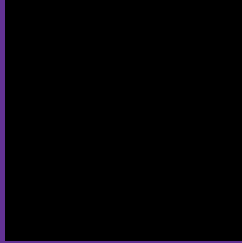
Any Text WCAG AA × Fail

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 633294 Background



This preview shows how black text looks on a background with the Hex color 633294.

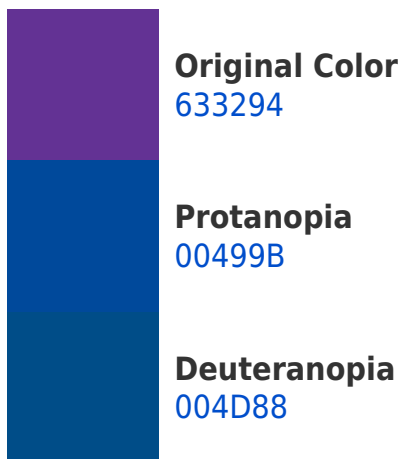


This preview shows how white text looks on a background with the Hex color 633294.

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](#).

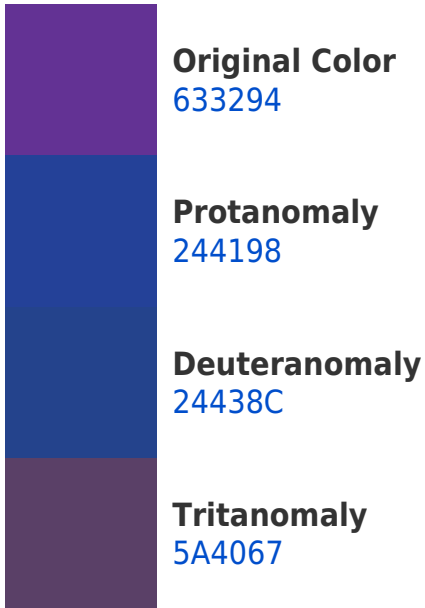
Dichromacy



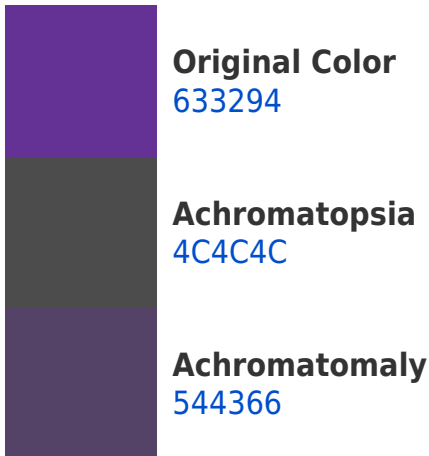


Tritanopia
55484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 633294 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 #633294 looks like.

```
.text, #text, p{  
    color:#633294  
}
```

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 #633294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633294
}
```

Border

The CSS property to change the border of an element to Hex 633294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

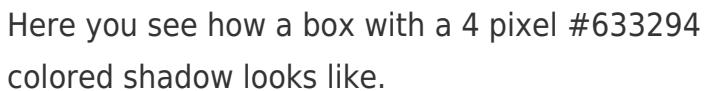
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633294 }
```

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

```
.border{ border-color:#633294 }
```

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



Here you see how a box with a 4 pixel #633294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633294; -webkit-box-shadow:4px 4px  
4px 4px #633294; box-shadow:4px 4px 4px  
4px #633294 }
```

Background

The CSS property to change the background color of an element to Hex 633294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633294 }
```

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

```
.background{ background-color:#633294 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor