

# Converting Colors

Hex(632783)

Have a look what the booklet for  
Hex(632783) contains.

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# Color

**Hex(632783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	632783
RGB	99, 39, 131
RGB Percent	39%, 15%, 51%
CMY	0.6118, 0.8471, 0.4863
CMYK	0.24, 0.70, 0.00, 0.49
HSL	279°, 54%, 33%
HSV	279°, 70%, 51%
XYZ	9.9678, 5.7424, 22.0558
YIQ	67.4280, 6.2280, 41.3320

# Conversions

## Conversions Part 2

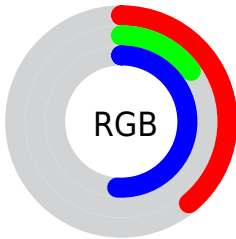
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 39, 131
Decimal	6498179
CIE <sub>Lab</sub>	28.75, 42.89, -40.30
CIE <sub>LCh</sub>	29, 58.850, 316.784
Yxy	5.7424, 0.2639, 0.1521
Android (android.graphics.Color)	4284688259 (0xFF632783)
YUV	67.4280, 31.3410, 27.6886
Hunter-Lab	23.9633, 32.3138, -37.7961

# Details

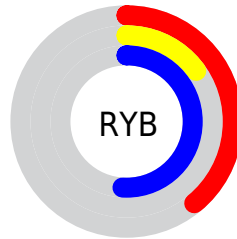
The Hex color **632783** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **478327**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9959B9**, and **2F0051** is the 20% darker color. If you saturate the color by 10%, you get **5E1A83**, and if you desaturate by 10%, it is **683483**.

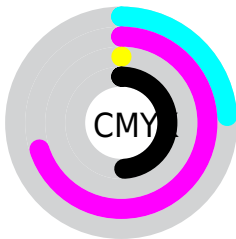
# Distribution



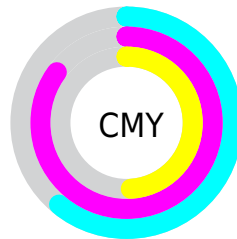
- Red (39%)
- Green (15%)
- Blue (51%)



- Red (39%)
- Yellow (15%)
- Blue (51%)



- Cyan (24%)
- Magenta (70%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (85%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632783 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 632783 by changing the saturation by 10% instead.



632783

632783

FFFFFF

490B69

9959B9

2F0051

B473D5

1A0039

D18DF1

000223

EEA8FF

000009

FFC4FF

000000

FFE0FF

FFFDFF

632783

632783

■ 5E1A83

■ 683483

■ 5A0D83

■ 6C4183

■ 550083

■ 714E83

■ 755B83

■ 7A6983

■ 7E7683

■ 838383

■ 879083

■ 8C9D83

# Harmonies

## Analogous

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



00419C



632783



88005A

# Triad

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



632783



643A00



00565D

# Complementary

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



632783



478327

# 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.



00552D



632783



3C4A00

# Square

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



632783



822000



005100



005586

# Rectangle

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



632783



90003C



005100



00564D



# Sweetspot

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



632783



9E87AB



274783



4F4157



D6D6D6



575757



# Same Dimension

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



632783



791BAB



832775



403C42



550082



020003



# Inverse Universe

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



832747



AB1B4D



278335



423C3E



82002D

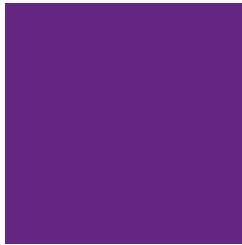


030001



# Previews

## White Background



This preview shows how the Hex color 632783 looks on a white background.

## Color Contrast Check

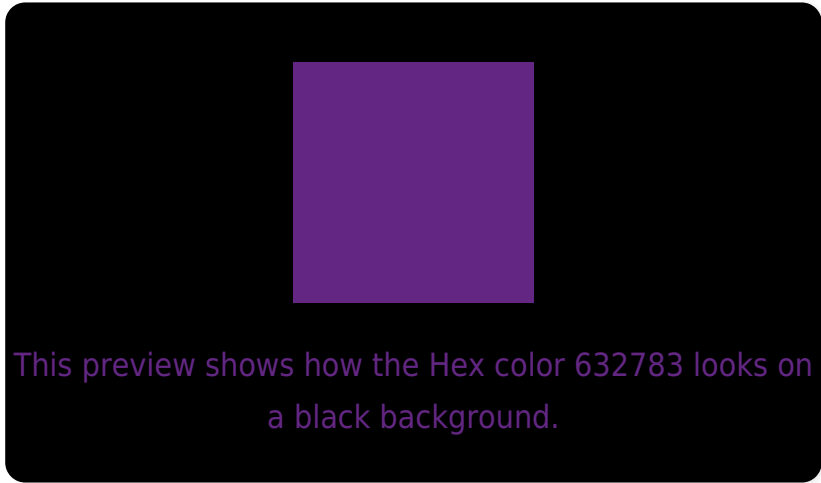
Large Text (above 18pt) WCAG AA ✓ Pass

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

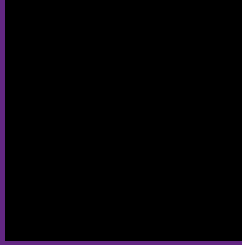
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632783 Background



This preview shows how black text looks on a background with the Hex color 632783.



This preview shows how white text looks on a background with the Hex color 632783.

# 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



**Original Color**  
632783

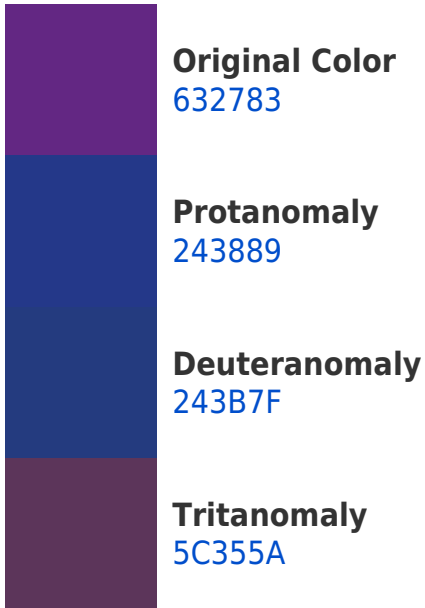
**Protanopia**  
00428C

**Deuteranopia**  
00467C

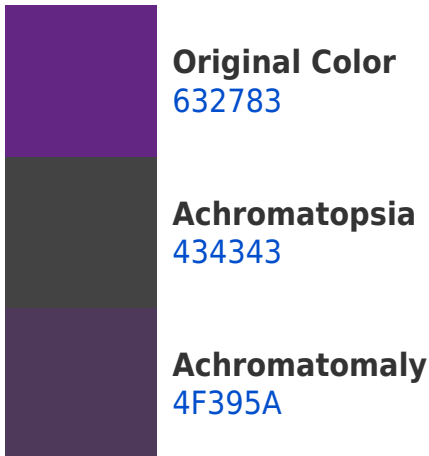


**Tritanopia**  
583D42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632783 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 #632783 looks like.

```
.text, #text, p{  
    color:#632783  
}
```

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 #632783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632783
}
```

## Border

The CSS property to change the border of an element to Hex 632783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

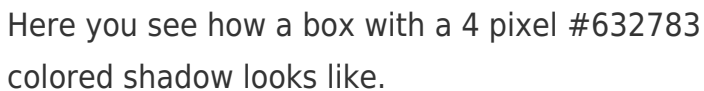
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632783 }
```

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

```
.border{ border-color:#632783 }
```

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



Here you see how a box with a 4 pixel #632783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632783; -webkit-box-shadow:4px 4px  
4px 4px #632783; box-shadow:4px 4px 4px  
4px #632783 }
```

# Background

The CSS property to change the background color of an element to Hex 632783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632783 }
```

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

```
.background{ background-color:#632783 }
```

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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