

# Converting Colors

Hex(632D83)

Have a look what the booklet for  
Hex(632D83) contains.

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**Color**

**Hex(632D83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	632D83
RGB	99, 45, 131
RGB Percent	39%, 18%, 51%
CMY	0.6118, 0.8235, 0.4863
CMYK	0.24, 0.66, 0.00, 0.49
HSL	278°, 49%, 35%
HSV	278°, 66%, 51%
XYZ	10.1807, 6.1681, 22.1267
YIQ	70.9500, 4.5780, 38.1940

# Conversions

## Conversions Part 2

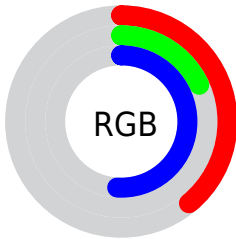
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 45, 131
Decimal	6499715
CIE <sub>Lab</sub>	29.83, 39.90, -38.56
CIE <sub>LCh</sub>	30, 55.490, 315.978
Yxy	6.1681, 0.2646, 0.1603
Android (android.graphics.Color)	4284689795 (0xFF632D83)
YUV	70.9500, 29.6046, 24.5998
Hunter-Lab	24.8357, 29.7087, -35.4379

# Details

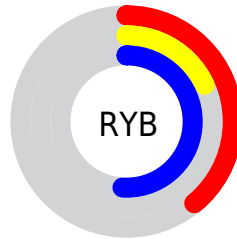
The Hex color **632D83** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D832D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **985EB9**, and **300051** is the 20% darker color. If you saturate the color by 10%, you get **5E2083**, and if you desaturate by 10%, it is **683A83**.

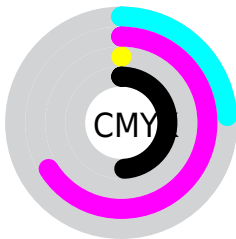
# Distribution



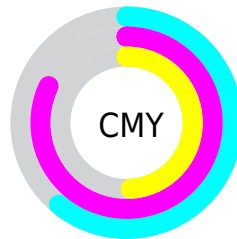
- Red (39%)
- Green (18%)
- Blue (51%)



- Red (39%)
- Yellow (18%)
- Blue (51%)



- Cyan (24%)
- Magenta (66%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (82%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632D83 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 632D83 by changing the saturation by 10% instead.



 632D83

 632D83

FFFFFF

 491469

 985EB9

 300051

 B478D5

 1C003A

 D092F1

 000223

 EDAEFF

 000009

 FFC9FF

 000000

 FFE6FF

 632D83

 632D83

 5E2083

 683A83

■ 591383

■ 6D4783

■ 540683

■ 725483

■ 520083

■ 766183

■ 7B6F83

■ 807C83

■ 858983

■ 8A9683

■ 8FA383

# Harmonies

## Analogous

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



00449A



632D83



870A5C

# Triad

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



632D83



673D00



00585D

# Complementary

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



632D83



4D832D

# 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.



005730



632D83



424B00

# Square

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



632D83



832605



005300



005784

# Rectangle

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



632D83



8F0040



005300



00584E



# Sweetspot

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



632D83



9E89AB



2D4E83



4F4257



D6D6D6



575757



# Same Dimension

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



632D83



7924AB



832D79



403C42



520082



020003



# Inverse Universe

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



832D4D



AB2456



2D8337



423C3E



820030

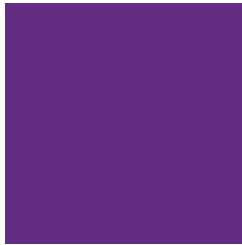


030001



# Previews

## White Background



This preview shows how the Hex color 632D83 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

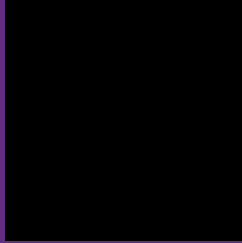
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632D83 Background



This preview shows how black text looks on a background with the Hex color 632D83.



This preview shows how white text looks on a background with the Hex color 632D83.

# 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**  
594045

# Trichromacy



**Original Color**  
632D83



**Protanomaly**  
243C8C



**Deuteranomaly**  
313E80



**Tritanomaly**  
5D395C

# Monochromacy



**Original Color**  
632D83



**Achromatopsia**  
474747



**Achromatomaly**  
513E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632D83 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 #632D83 looks like.

```
.text, #text, p{  
    color:#632D83  
}
```

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 #632D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632D83
}
```

## Border

The CSS property to change the border of an element to Hex 632D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

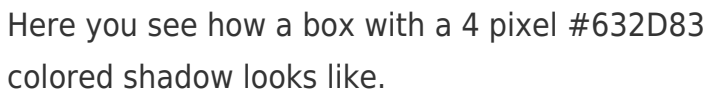
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632D83 }
```

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

```
.border{ border-color:#632D83 }
```

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



Here you see how a box with a 4 pixel #632D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632D83; -webkit-box-shadow:4px 4px  
4px 4px #632D83; box-shadow:4px 4px 4px  
4px #632D83 }
```

# Background

The CSS property to change the background color of an element to Hex 632D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632D83 }
```

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

```
.background{ background-color:#632D83 }
```

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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