

# Converting Colors

Hex(632F82)

Have a look what the booklet for  
Hex(632F82) contains.

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# Color

**Hex(632F82)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 632F82                   |
| RGB         | 99, 47, 130              |
| RGB Percent | 39%, 18%, 51%            |
| CMY         | 0.6118, 0.8157, 0.4902   |
| CMYK        | 0.24, 0.64, 0.00, 0.49   |
| HSL         | 278°, 47%, 35%           |
| HSV         | 278°, 64%, 51%           |
| XYZ         | 10.1914, 6.2974, 21.7975 |
| YIQ         | 72.0100, 4.3490, 36.8370 |

# Conversions

## Conversions Part 2

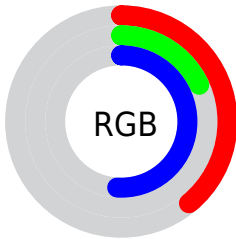
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 99, 47, 130                   |
| Decimal                             | 6500226                       |
| CIE <sub>Lab</sub>                  | 30.15, 38.61, -37.43          |
| CIE <sub>LCh</sub>                  | 30, 53.776, 315.893           |
| Yxy                                 | 6.2974, 0.2662,<br>0.1645     |
| Android<br>(android.graphics.Color) | 4284690306<br>(0xFF632F82)    |
| YUV                                 | 72.0100, 28.5891,<br>23.6702  |
| Hunter-Lab                          | 25.0946, 28.5766,<br>-33.9338 |

# Details

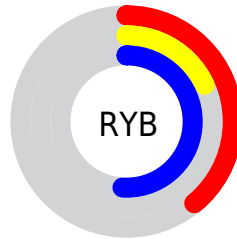
The Hex color **632F82** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E822F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9860B8**, and **300050** is the 20% darker color. If you saturate the color by 10%, you get **5E2282**, and if you desaturate by 10%, it is **683C82**.

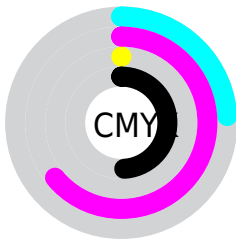
# Distribution



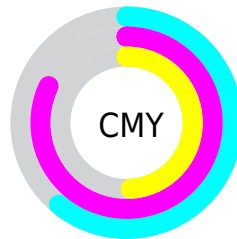
- Red (39%)
- Green (18%)
- Blue (51%)



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



- Cyan (24%)
- Magenta (64%)
- Yellow (0%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 632F82 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 632F82 by changing the saturation by 10% instead.



632F82

632F82

FFFFFF

491668

9860B8

300050

B47AD3

1D0039

D094F0

000222

EDAFFF

000008

FFCBFF

000000

FFE8FF

632F82

632F82

5E2282

683C82

■ 591582

■ 6D4982

■ 540882

■ 725682

■ 510082

■ 766382

■ 7B7082

■ 807D82

■ 858A82

■ 8A9782

■ 8FA482

# Harmonies

## Analogous

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



004599



632F82



86125D

# Triad

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



632F82



683E00



00595D

# Complementary

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



632F82



4E822F

# 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.



005831



632F82



444C00

# Square

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



632F82



822809



005400



005783

# Rectangle

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



632F82



8E0641



005400



00594E



# Sweetspot

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



632F82



9C88A8



2F4F82



4D4154



D4D4D4



545454



# Same Dimension

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



632F82



7827A8



822F78



3D3940



500080



000000



# Inverse Universe

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



822F4E



A82757



2F8239



40393C



800030

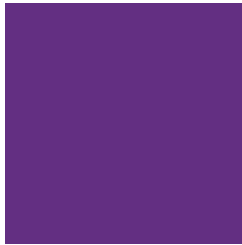


000000



# Previews

## White Background



This preview shows how the Hex color 632F82 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

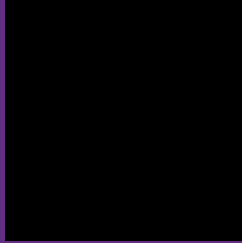
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632F82 Background



This preview shows how black text looks on a background with the Hex color 632F82.



This preview shows how white text looks on a background with the Hex color 632F82.

# 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**  
632F82

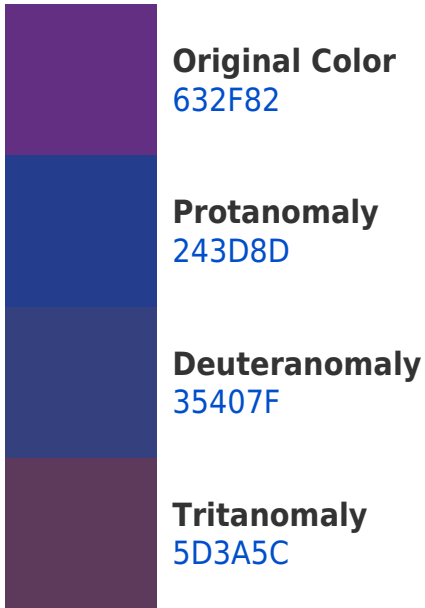
**Protanopia**  
004593

**Deuteranopia**  
1B497D

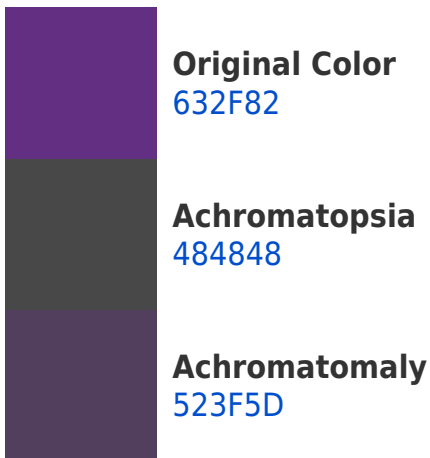


**Tritanopia**  
594146

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632F82 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 #632F82 looks like.

```
.text, #text, p{  
    color:#632F82  
}
```

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 #632F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632F82
}
```

## Border

The CSS property to change the border of an element to Hex 632F82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

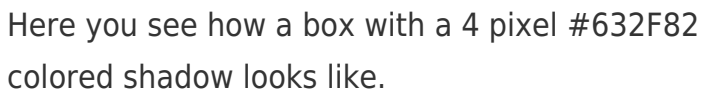
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632F82 }
```

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

```
.border{ border-color:#632F82 }
```

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



Here you see how a box with a 4 pixel #632F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632F82; -webkit-box-shadow:4px 4px  
4px 4px #632F82; box-shadow:4px 4px 4px  
4px #632F82 }
```

# Background

The CSS property to change the background color of an element to Hex 632F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632F82 }
```

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

```
.background{ background-color:#632F82 }
```

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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