

Converting Colors

Hex(632F80)

Have a look what the booklet for
Hex(632F80) contains.

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Color

Hex(632F80)

Conversions

Conversions Part 1

Format	Color
Hex	632F80
RGB	99, 47, 128
RGB Percent	39%, 18%, 50%
CMY	0.6118, 0.8157, 0.4980
CMYK	0.23, 0.63, 0.00, 0.50
HSL	279°, 46%, 34%
HSV	279°, 63%, 50%
XYZ	10.0584, 6.2442, 21.0972
YIQ	71.7820, 4.9910, 36.2150

Conversions

Conversions Part 2

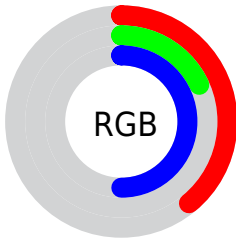
Format	Color
R_{YB}	99, 47, 128
Decimal	6500224
CIE _{Lab}	30.02, 38.14, -36.39
CIE _{LCh}	30, 52.711, 316.346
Yxy	6.2442, 0.2689, 0.1670
Android (android.graphics.Color)	4284690304 (0xFF632F80)
YUV	71.7820, 27.7155, 23.8702
Hunter-Lab	24.9884, 28.1206, -32.5655

Details

The Hex color **632F80** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4C802F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9860B5**, and **30004E** is the 20% darker color. If you saturate the color by 10%, you get **5E2280**, and if you desaturate by 10%, it is **683C80**.

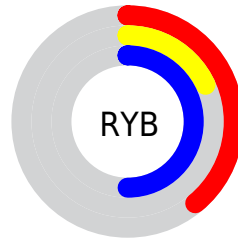
Distribution



Red (39%)

Green (18%)

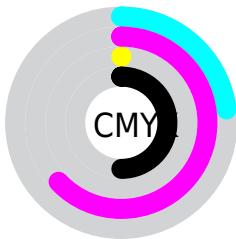
Blue (50%)



Red (39%)

Yellow (18%)

Blue (50%)

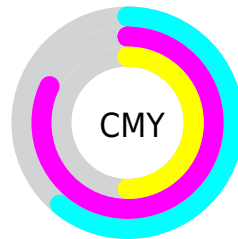


Cyan (23%)

Magenta (63%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (82%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 632F80 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 632F80 by changing the saturation by 10% instead.

 632F80

 632F80

FFFFFF

 491667

 9860B5

 30004E

 B47AD1

 1D0037

 D094EE

 000220

 EDAFFF

 000005

 FFCBFF

 000000

 FFE7FF

 632F80

 632F80

 5E2280

 683C80

■ 5A1580

■ 6C4980

■ 550980

■ 715580

■ 520080

■ 756280

■ 7A6F80

■ 7E7C80

■ 838980

■ 889580

■ 8CA280

Harmonies

Analogous

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



004496



632F80



85145B

Triad

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



632F80



673E00



00585D

Complementary

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



632F80



4C802F

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.



005732



632F80



434C00

Square

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



632F80



812909



005301



005782

Rectangle

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



632F80



8D0B40



005301



00584F

Sweetspot

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



632F80



9A86A6



2F4D80



4D4154



D4D4D4



545454

Same Dimension

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



632F80



7928A6



802F75



3D3940



520080



000000

Inverse Universe

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



802F4C



A62855



2F803A



40393C



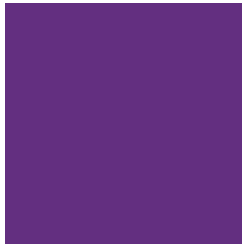
80002E



000000

Previews

White Background



This preview shows how the Hex color 632F80 looks on a white background.

Color Contrast Check

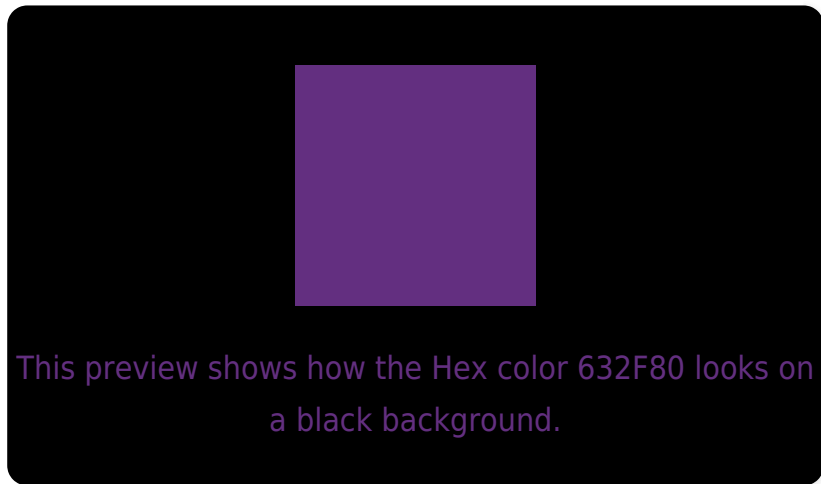
Large Text (above 18pt) WCAG AA ✓ Pass

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

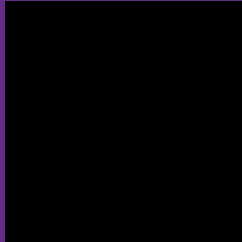
Any Text WCAG AA × Fail

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 632F80 Background



This preview shows how black text looks on a background with the Hex color 632F80.



This preview shows how white text looks on a background with the Hex color 632F80.

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
5A4045

Trichromacy



Original Color
632F80



Protanomaly
243D8B



Deuteranomaly
383F7D



Tritanomaly
5D3A5A

Monochromacy



Original Color
632F80



Achromatopsia
484848



Achromatomaly
523F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 632F80 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 #632F80 looks like.

```
.text, #text, p{  
    color:#632F80  
}
```

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 #632F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632F80
}
```

Border

The CSS property to change the border of an element to Hex 632F80 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
#632F80 }
```

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

```
.border{ border-color:#632F80 }
```

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

Here you see how a box with a 4 pixel #632F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632F80; -webkit-box-shadow:4px 4px  
4px 4px #632F80; box-shadow:4px 4px 4px  
4px #632F80 }
```

Background

The CSS property to change the background color of an element to Hex 632F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632F80 }
```

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

```
.background{ background-color:#632F80 }
```

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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