

Converting Colors

Hex(631C8B)

Have a look what the booklet for
Hex(631C8B) contains.

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Color

Hex(631C8B)

Conversions

Conversions Part 1

Format	Color
Hex	631C8B
RGB	99, 28, 139
RGB Percent	39%, 11%, 55%
CMY	0.6118, 0.8902, 0.4549
CMYK	0.29, 0.80, 0.00, 0.45
HSL	278°, 66%, 33%
HSV	278°, 80%, 55%
XYZ	10.2210, 5.3472, 24.9195
YIQ	61.8830, 6.6850, 49.5730

Conversions

Conversions Part 2

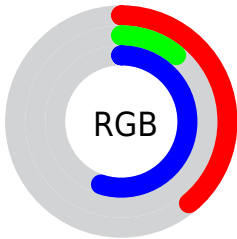
Format	Color
RYB	99, 28, 139
Decimal	6495371
CIELab	27.70, 49.40, -46.99
CIELCh	28, 68.177, 316.432
Yxy	5.3472, 0.2524, 0.1321
Android (android.graphics.Color)	4284685451 (0xFF631C8B)
YUV	61.8830, 38.0187, 32.5516
Hunter-Lab	23.1241, 38.4313, -47.7066

Details

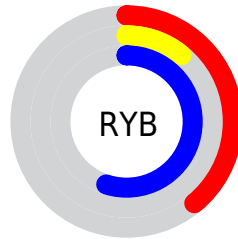
The Hex color **631C8B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **448B1C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9A51C1**, and **2D0058** is the 20% darker color. If you saturate the color by 10%, you get **5E0E8B**, and if you desaturate by 10%, it is **682A8B**.

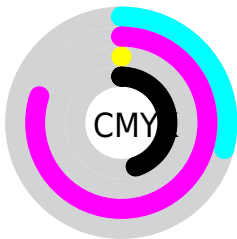
Distribution



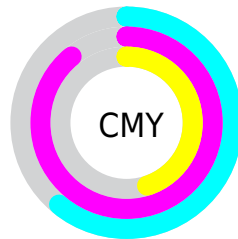
- Red (39%)
- Green (11%)
- Blue (55%)



- Red (39%)
- Yellow (11%)
- Blue (55%)



- Cyan (29%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631C8B 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 631C8B by changing the saturation by 10% instead.

 631C8B

 631C8B

FFFFFF

 480071

 9A51C1

 2D0058

 B66BDE

 150040

 D285FA

 000329

 F0A0FF

 000113

 FFBCFF

 000000

 FFD9FF

 FFF6FF

 631C8B

 631C8B

■ 5E0E8B

■ 682A8B

■ 59008B

■ 6D388B

■ 72468B

■ 77548B

■ 7C628B

■ 816F8B

■ 867D8B

■ 8B8B8B

■ 90998B

Harmonies

Analogous

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



003FA8



631C8B



8F005B

Triad

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



631C8B



643600



00555E

Complementary

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



631C8B



448B1C

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.



005427



631C8B



364800

Square

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



631C8B



860E00



005000



00558E

Rectangle

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



631C8B



970039



005000



00554C

Sweetspot

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



631C8B



A58AB5



1C458B



52415C



DBDBDB



5C5C5C

Same Dimension

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



631C8B



7607B5



8B1C7C



423E45



550085



030005

Inverse Universe

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



8B1C44



B50746



1C8B2B



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 631C8B looks on a white background.

Color Contrast Check

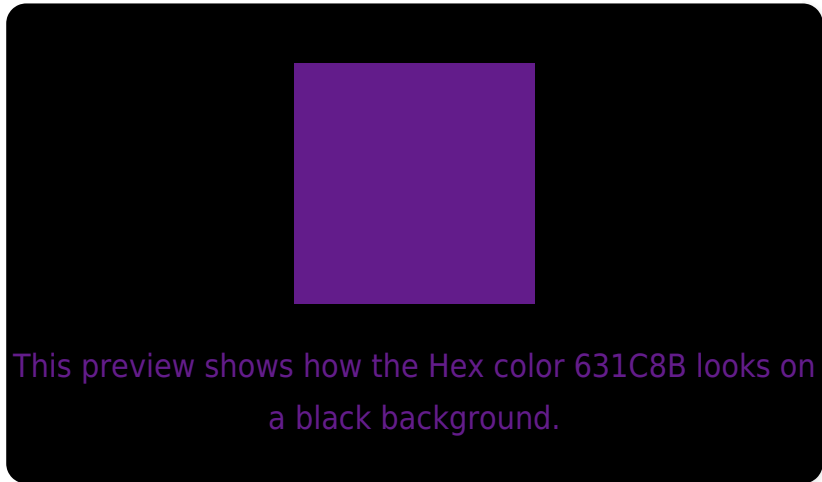
Large Text (above 18pt) WCAG AA ✓ Pass

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

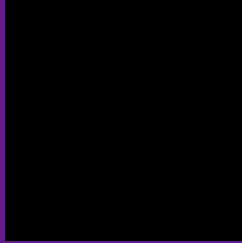
Any Text WCAG AA × Fail

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 631C8B Background



This preview shows how black text looks on a background with the Hex color 631C8B.



This preview shows how white text looks on a background with the Hex color 631C8B.

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](#).

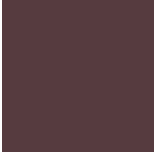
Dichromacy



Original Color
631C8B

Protanopia
004088

Deuteranopia
004476



Tritanopia
563B3F

Trichromacy



Original Color
631C8B



Protanomaly
243389



Deuteranomaly
24357E



Tritanomaly
5B305B

Monochromacy



Original Color
631C8B



Achromatopsia
3E3E3E



Achromatomaly
4B325A

CSS Examples

Text

The CSS property to change the color of the text to Hex 631C8B 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 #631C8B looks like.

```
.text, #text, p{  
    color:#631C8B  
}
```

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 #631C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631C8B
}
```

Border

The CSS property to change the border of an element to Hex 631C8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

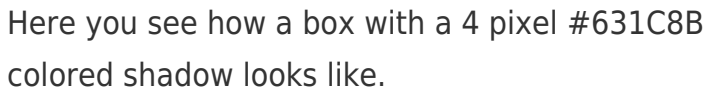
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631C8B }
```

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

```
.border{ border-color:#631C8B }
```

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



Here you see how a box with a 4 pixel #631C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631C8B; -webkit-box-shadow:4px 4px  
4px 4px #631C8B; box-shadow:4px 4px 4px  
4px #631C8B }
```

Background

The CSS property to change the background color of an element to Hex 631C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631C8B }
```

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

```
.background{ background-color:#631C8B }
```

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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