

Converting Colors

Hex(631C93)

Have a look what the booklet for
Hex(631C93) contains.

Hex(631C93)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(631C93)

Conversions

Conversions Part 1

Format	Color
Hex	631C93
RGB	99, 28, 147
RGB Percent	39%, 11%, 58%
CMY	0.6118, 0.8902, 0.4235
CMYK	0.33, 0.81, 0.00, 0.42
HSL	276°, 68%, 34%
HSV	276°, 81%, 58%
XYZ	10.8273, 5.5897, 28.1120
YIQ	62.7950, 4.1170, 52.0610

Conversions

Conversions Part 2

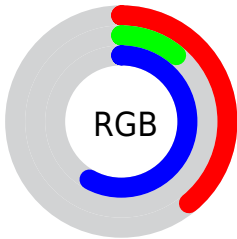
Format	Color
RYB	99, 28, 147
Decimal	6495379
CIELab	28.35, 51.20, -50.88
CIElCh	28, 72.186, 315.181
Yxy	5.5897, 0.2432, 0.1255
Android (android.graphics.Color)	4284685459 (0xFF631C93)
YUV	62.7950, 41.5131, 31.7518
Hunter-Lab	23.6426, 40.3707, -53.9483

Details

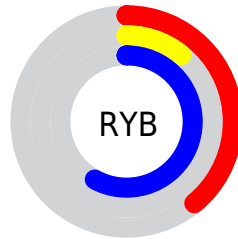
The Hex color **631C93** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4C931C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9A51CA**, and **2C005F** is the 20% darker color. If you saturate the color by 10%, you get **5D0D93**, and if you desaturate by 10%, it is **692B93**.

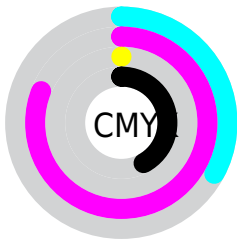
Distribution



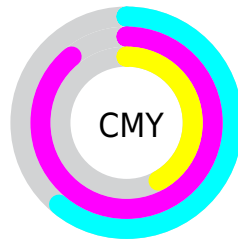
- Red (39%)
- Green (11%)
- Blue (58%)



- Red (39%)
- Yellow (11%)
- Blue (58%)



- Cyan (33%)
- Magenta (81%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631C93 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 631C93 by changing the saturation by 10% instead.

 631C93

 631C93

FFFFFF

 480079

 9A51CA

 2C005F

 B76BE6

 120047

 D386FF

 00032F

 F1A1FF

 000119

 FFBDFE

 000000

 FFD9FF

 FFF6FF

 631C93

 631C93

■ 5D0D93

■ 692B93

■ 580093

■ 6F3993

■ 754893

■ 7B5793

■ 816693

■ 877493

■ 8D8393

■ 929293

■ 98A093

Harmonies

Analogous

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



0042B1



631C93



930061

Triad

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



631C93



693600



00585F

Complementary

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



631C93



4C931C

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.



005624



631C93



384900

Square

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



631C93



8C0100



005200



005792

Rectangle

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



631C93



9D003C



005200



00574C

Sweetspot

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



631C93



AD91BF



1C4E93



564561



E0E0E0



616161

Same Dimension

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



631C93



7406BF



931C89



47434A



52008A



06000A

Inverse Universe

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



931C4C



BF0651



1C9326



4A4346



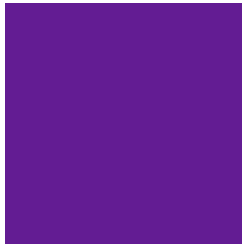
8A0038



0A0004

Previews

White Background



This preview shows how the Hex color 631C93 looks on a white background.

Color Contrast Check

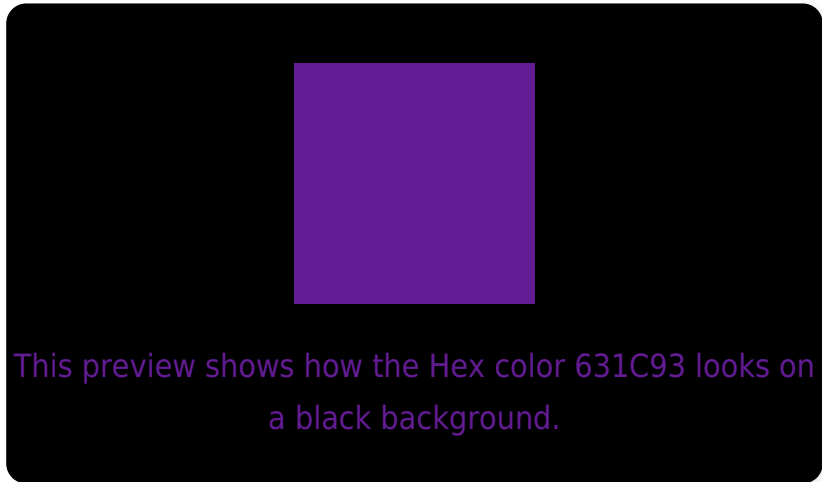
Large Text (above 18pt) WCAG AA ✓ Pass

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

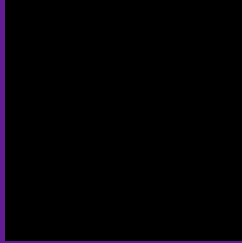
Any Text WCAG AA × Fail

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 631C93 Background



This preview shows how black text looks on a background with the Hex color 631C93.

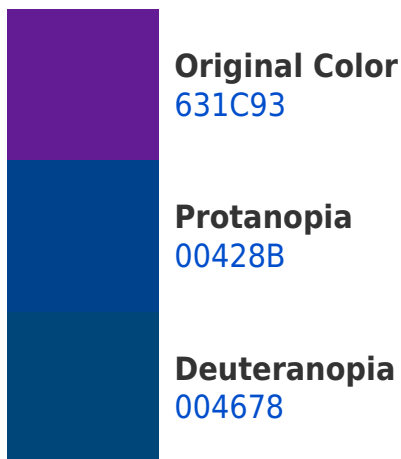


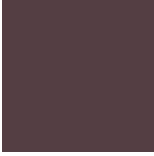
This preview shows how white text looks on a background with the Hex color 631C93.

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
543E43

Trichromacy



Original Color
631C93



Protanomaly
24348E



Deuteranomaly
243782



Tritanomaly
593260

Monochromacy



Original Color
631C93



Achromatopsia
3F3F3F



Achromatomaly
4C325E

CSS Examples

Text

The CSS property to change the color of the text to Hex 631C93 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 #631C93 looks like.

```
.text, #text, p{  
    color:#631C93  
}
```

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 #631C93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631C93
}
```

Border

The CSS property to change the border of an element to Hex 631C93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

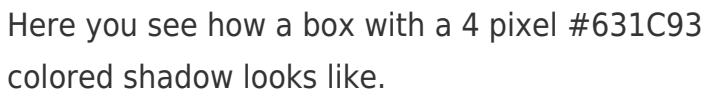
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631C93 }
```

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

```
.border{ border-color:#631C93 }
```

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



Here you see how a box with a 4 pixel #631C93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631C93; -webkit-box-shadow:4px 4px  
4px 4px #631C93; box-shadow:4px 4px 4px  
4px #631C93 }
```

Background

The CSS property to change the background color of an element to Hex 631C93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631C93 }
```

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

```
.background{ background-color:#631C93 }
```

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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