

Converting Colors

Hex(631AC2)

Have a look what the booklet for
Hex(631AC2) contains.

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Color

Hex(631AC2)

Conversions

Conversions Part 1

Format	Color
Hex	631AC2
RGB	99, 26, 194
RGB Percent	39%, 10%, 76%
CMY	0.6118, 0.8980, 0.2392
CMYK	0.49, 0.87, 0.00, 0.24
HSL	266°, 76%, 43%
HSV	266°, 87%, 76%
XYZ	15.2526, 7.2865, 51.6415
YIQ	66.9790, -10.4200, 67.7240

Conversions

Conversions Part 2

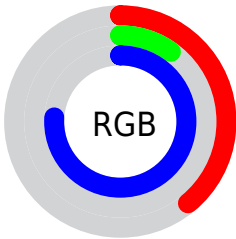
Format	Color
RYB	99, 26, 194
Decimal	6494914
CIELab	32.45, 62.87, -72.44
CIELCh	32, 95.915, 310.957
Yxy	7.2865, 0.2056, 0.0982
Android (android.graphics.Color)	4284684994 (0xFF631AC2)
YUV	66.9790, 62.6214, 28.0824
Hunter-Lab	26.9935, 53.6223, -94.5328

Details

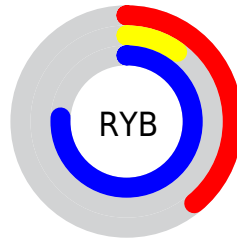
The Hex color **631AC2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **79C21A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9F53FC**, and **1E008B** is the 20% darker color. If you saturate the color by 10%, you get **5807C2**, and if you desaturate by 10%, it is **6E2DC2**.

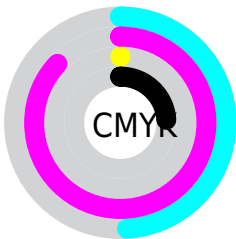
Distribution



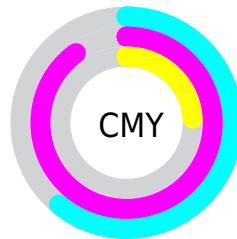
- Red (39%)
- Green (10%)
- Blue (76%)



- Red (39%)
- Yellow (10%)
- Blue (76%)



- Cyan (49%)
- Magenta (87%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (90%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631AC2 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 631AC2 by changing the saturation by 10% instead.

631AC2

631AC2

FFFFFF

4400A6

9F53FC

1E008B

BC6EFF

000071

DB89FF

000057

F9A5FF

00063E

FFC1FF

000328

FFDEFF

000111

FFFBFF

000000

631AC2

631AC2

■ 5807C2

■ 6E2DC2

■ 5400C2

■ 7941C2

■ 8454C2

■ 8F68C2

■ 9A7BC2

■ A58EC2

■ B0A2C2

■ BBB5C2

■ C6C9C2

Harmonies

Analogous

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



0051E7



631AC2



B20080

Triad

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



631AC2



843400



006668

Complementary

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



631AC2



79C21A

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.



006313



631AC2



445300

Square

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



631AC2



B00000



005F00



0067B1

Rectangle

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



631AC2



C3004E



005F00



00654D

Sweetspot

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



631AC2



D7BBFC



1A79C2



695880



000000



808080

Same Dimension

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



631AC2



6E00FC



B71AC2



5B5761



4600A1



0E0021

Inverse Universe

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



C21A79



FC008F



25C21A



61575D



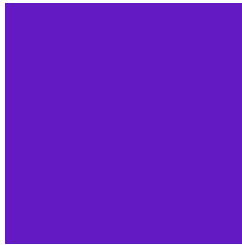
A1005B



210013

Previews

White Background



This preview shows how the Hex color 631AC2 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

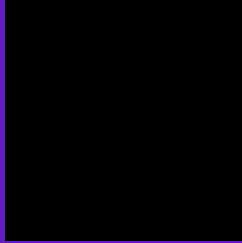
Any Text WCAG AA × Fail

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 631AC2 Background



This preview shows how black text looks on a background with the Hex color 631AC2.



This preview shows how white text looks on a background with the Hex color 631AC2.

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](#).

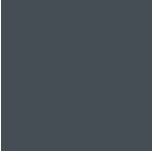
Dichromacy



Original Color
631AC2

Protanopia
004A9C

Deuteranopia
004F86



Tritanopia
454E55

Trichromacy



Original Color
631AC2



Protanomaly
2439AA



Deuteranomaly
243C9C



Tritanomaly
503B7D

Monochromacy



Original Color
631AC2



Achromatopsia
434343



Achromatomaly
4F3471

CSS Examples

Text

The CSS property to change the color of the text to Hex 631AC2 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 #631AC2 looks like.

```
.text, #text, p{  
    color:#631AC2  
}
```

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 #631AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631AC2
}
```

Border

The CSS property to change the border of an element to Hex 631AC2 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
#631AC2 }
```

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

```
.border{ border-color:#631AC2 }
```

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

Here you see how a box with a 4 pixel #631AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631AC2; -webkit-box-shadow:4px 4px  
4px 4px #631AC2; box-shadow:4px 4px 4px  
4px #631AC2 }
```

Background

The CSS property to change the background color of an element to Hex 631AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631AC2 }
```

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

```
.background{ background-color:#631AC2 }
```

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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