

Converting Colors

Hex(643AAB)

Have a look what the booklet for
Hex(643AAB) contains.

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Color

Hex(643AAB)

Conversions

Conversions Part 1

Format	Color
Hex	643AAB
RGB	100, 58, 171
RGB Percent	39%, 23%, 67%
CMY	0.6078, 0.7725, 0.3294
CMYK	0.42, 0.66, 0.00, 0.33
HSL	262°, 49%, 45%
HSV	262°, 66%, 67%
XYZ	14.1193, 8.6757, 39.4585
YIQ	83.4400, -11.2410, 44.0470

Conversions

Conversions Part 2

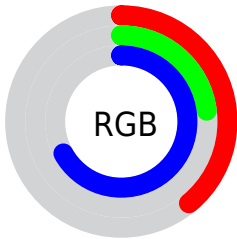
Format	Color
RYB	100, 58, 171
Decimal	6568619
CIELab	35.35, 43.46, -54.05
CIELCh	35, 69.357, 308.801
Yxy	8.6757, 0.2268, 0.1394
Android (android.graphics.Color)	4284758699 (0xFF643AAB)
YUV	83.4400, 43.1671, 14.5231
Hunter-Lab	29.4546, 34.0199, -58.8090

Details

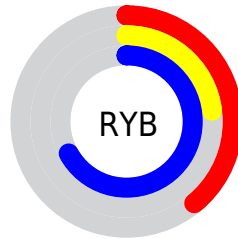
The Hex color **643AAB** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **81AB3A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C6CE3**, and **2B0776** is the 20% darker color. If you saturate the color by 10%, you get **5929AB**, and if you desaturate by 10%, it is **6F4BAB**.

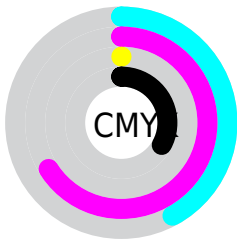
Distribution



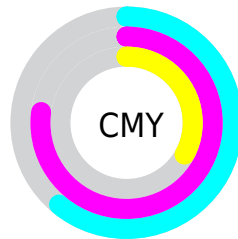
- Red (39%)
- Green (23%)
- Blue (67%)



- Red (39%)
- Yellow (23%)
- Blue (67%)



- Cyan (42%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643AAB 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 643AAB by changing the saturation by 10% instead.

643AAB

643AAB

FFFFFF

482290

9C6CE3

2B0776

B886FF

04005C

D5A0FF

000044

F3BCFF

00032D

FFD8FF

000117

FFF5FF

000000

643AAB

643AAB

5929AB

6F4BAB

■ 4F18AB

■ 795CAB

■ 4407AB

■ 846DAB

■ 4000AB

■ 8F7EAB

■ 9A8FAB

■ A4A1AB

■ AFB2AB

■ BAC3AB

■ C5D4AB

Harmonies

Analogous

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



0056C3



643AAB



9E007C

Triad

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



643AAB



854100



006963

Complementary

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



643AAB



81AB3A

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.



006727



643AAB



585600

Square

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



643AAB



A5180E



0A6200



006998

Rectangle

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



643AAB



AE0058



0A6200



00694F

Sweetspot

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



643AAB



C2B1DE



3A82AB



5F5570



F0F0F0



707070

Same Dimension

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



643AAB



702FDE



9C3AAB



514E57



380096



090017

Inverse Universe

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



AB3A81



DE2F9D



49AB3A



574E53



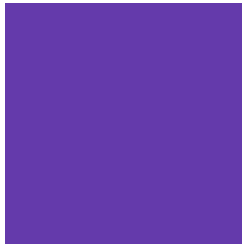
96005F



17000E

Previews

White Background



This preview shows how the Hex color 643AAB looks on a white background.

Color Contrast Check

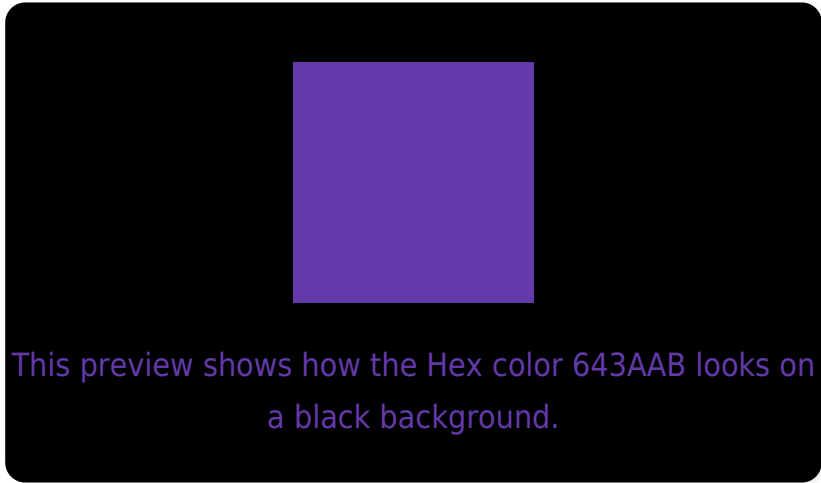
Large Text (above 18pt) WCAG AA ✓ Pass

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

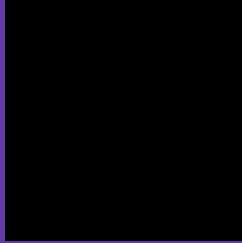
Any Text WCAG AA × Fail

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 643AAB Background



This preview shows how black text looks on a background with the Hex color 643AAB.

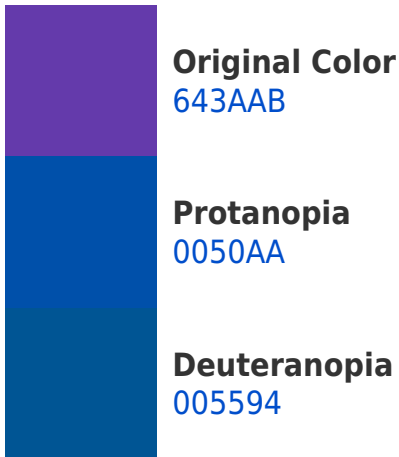


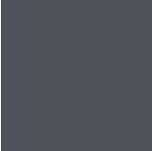
This preview shows how white text looks on a background with the Hex color 643AAB.

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](#).

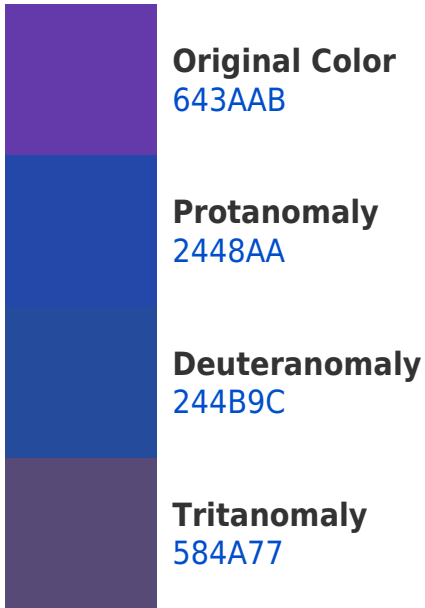
Dichromacy



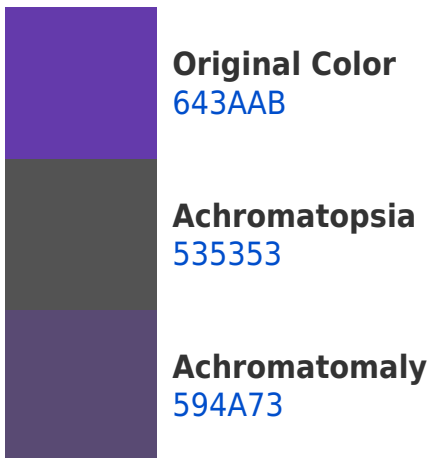


Tritanopia
51535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 643AAB 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 #643AAB looks like.

```
.text, #text, p{  
    color:#643AAB  
}
```

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 #643AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643AAB
}
```

Border

The CSS property to change the border of an element to Hex 643AAB 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
#643AAB }
```

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

```
.border{ border-color:#643AAB }
```

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

Here you see how a box with a 4 pixel #643AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643AAB; -webkit-box-shadow:4px 4px  
4px 4px #643AAB; box-shadow:4px 4px 4px  
4px #643AAB }
```

Background

The CSS property to change the background color of an element to Hex 643AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643AAB }
```

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

```
.background{ background-color:#643AAB }
```

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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