

# Converting Colors

Hex(632ACA)

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

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**Color**

**Hex(632ACA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632ACA
RGB	99, 42, 202
RGB Percent	39%, 16%, 79%
CMY	0.6118, 0.8353, 0.2078
CMYK	0.51, 0.79, 0.00, 0.21
HSL	261°, 66%, 48%
HSV	261°, 79%, 79%
XYZ	16.6342, 8.5728, 56.6551
YIQ	77.2830, -17.3880, 61.8440

# Conversions

## Conversions Part 2

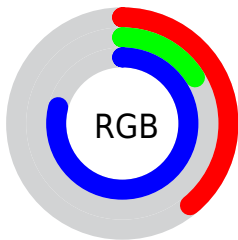
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 42, 202
Decimal	6499018
CIE Lab	35.15, 59.21, -72.68
CIE LCh	35, 93.742, 309.170
Yxy	8.5728, 0.2032, 0.1047
Android (android.graphics.Color)	4284689098 (0xFF632ACA)
YUV	77.2830, 61.4855, 19.0458
Hunter-Lab	29.2794, 50.1704, -94.2294

# Details

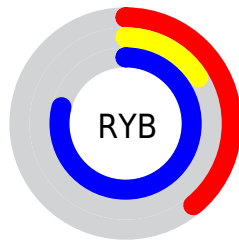
The Hex color **632ACA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **91CA2A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9F5FFF**, and **1C0092** is the 20% darker color. If you saturate the color by 10%, you get **5616CA**, and if you desaturate by 10%, it is **703ECA**.

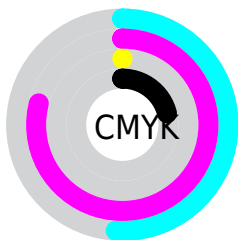
# Distribution



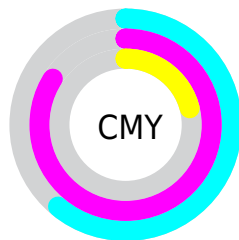
- Red (39%)
- Green (16%)
- Blue (79%)



- Red (39%)
- Yellow (16%)
- Blue (79%)



- Cyan (51%)
- Magenta (79%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (84%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 632ACA

 632ACA

FFFFFF

 430AAE

 9F5FFF

 1C0092

 BD79FF

 000078

 DB94FF

 00005E

 F9B0FF

 000845

 FFC0FF

 00042E

 FFE9FF

 000118

 000000

 632ACA

 632ACA

■ 5616CA

■ 703ECA

■ 4902CA

■ 7D52CA

■ 4800CA

■ 8A67CA

■ 977BCA

■ A48FCA

■ B1A3CA

■ BEB7CA

■ CBCCCA

■ D8E0CA

# Harmonies

## Analogous

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



0058EC



632ACA



B6008A

# Triad

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



632ACA



8E3900



006D69

# Complementary

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



632ACA



91CA2A

# 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.



006A15



632ACA



515800

# Square

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



632ACA



BA0000



006500



006EB2

# Rectangle

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



632ACA



C90059



006500



006C4F



# Sweetspot

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



632ACA



D8C2FF



2A92CA



685B80



000000



808080



# Same Dimension

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



632ACA



630DFF



B22ACA



5F5C66



3B00A6



0E0026



# Inverse Universe

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



CA2A91



FF0DA9



42CA2A



665C62



A6006B

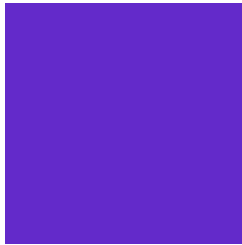


260019



# Previews

## White Background



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

## Color Contrast Check

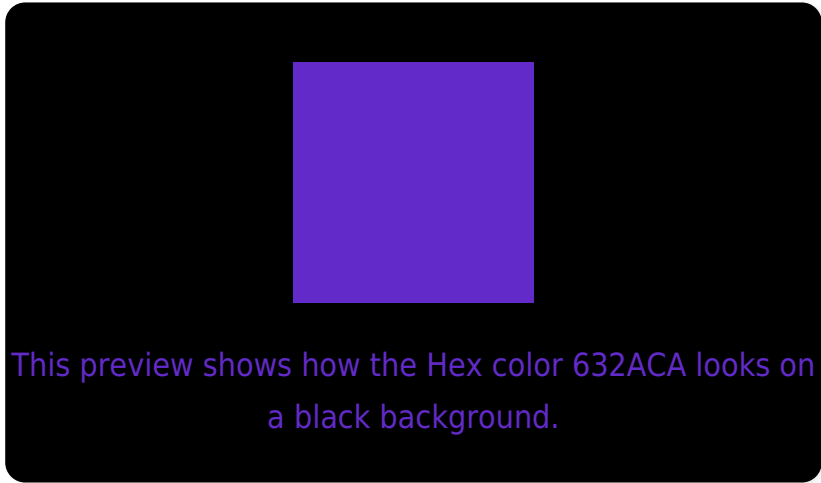
Large Text (above 18pt) WCAG AA ✓ Pass

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

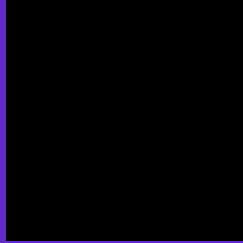
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 632ACA Background



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



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

# 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](#).

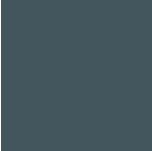
## Dichromacy



**Original Color**  
632ACA

**Protanopia**  
0050A8

**Deuteranopia**  
005590



**Tritanopia**  
43565D

# Trichromacy



**Original Color**  
632ACA



**Protanomaly**  
2442B4



**Deuteranomaly**  
2445A5



**Tritanomaly**  
4F4685

# Monochromacy



**Original Color**  
632ACA



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
55407A

# CSS Examples

## Text

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

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

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 #632ACA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 632ACA 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".

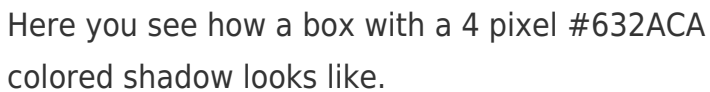
```
.border, #border, table{ border:4px solid
#632ACA }
```

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

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

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

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



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

# Background

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

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

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

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

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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