

Converting Colors

Hex(A634CB)

Have a look what the booklet for
Hex(A634CB) contains.

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Color

Hex(A634CB)

Conversions

Conversions Part 1

Format	Color
Hex	A634CB
RGB	166, 52, 203
RGB Percent	65%, 20%, 80%
CMY	0.3490, 0.7961, 0.2039
CMYK	0.18, 0.74, 0.00, 0.20
HSL	285°, 59%, 50%
HSV	285°, 74%, 80%
XYZ	27.7334, 14.8748, 57.9093
YIQ	103.3000, 19.4730, 71.1290

Conversions

Conversions Part 2

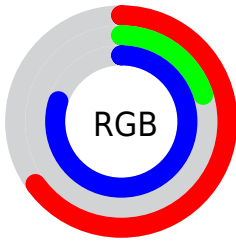
Format	Color
R_{YB}	166, 52, 203
Decimal	10892491
CIE _{Lab}	45.46, 66.71, -56.07
CIE _{LCh}	45, 87.145, 319.952
Yxy	14.8748, 0.2759, 0.1480
Android (android.graphics.Color)	4289082571 (0xFFA634CB)
YUV	103.3000, 49.1521, 54.9879
Hunter-Lab	38.5678, 60.8622, -62.0260

Details

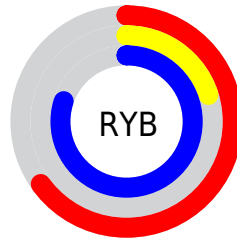
The Hex color **A634CB** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **59CB34**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E16EFF**, and **6D0094** is the 20% darker color. If you saturate the color by 10%, you get **A120CB**, and if you desaturate by 10%, it is **AB48CB**.

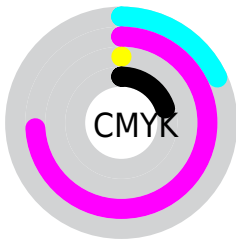
Distribution



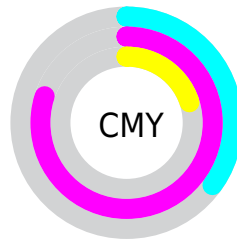
- Red (65%)
- Green (20%)
- Blue (80%)



- Red (65%)
- Yellow (20%)
- Blue (80%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A634CB 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 A634CB by changing the saturation by 10% instead.

 A634CB

 A634CB

FFFFFF

 890DAF

 E16EFF

 6D0094

 FF8AFF

 510079

 FFA6FF

 350060

 FFC3FF

 180047

 FFE0FF

 000130

 FFFDFF

 00011A

 000000

 A634CB

 A634CB

 A120CB

 AB48CB

 9C0BCB

 B05DCB

 9900CB

 B571CB

 BA85CB

 BF9ACB

 C4AECB

 C9C2CB

 CED6CB

 D3EBCB

Harmonies

Analogous

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



0064F8



A634CB



DC0087

Triad

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



A634CB



986000



00889C

Complementary

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



A634CB



59CB34

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.



008750



A634CB



557700

Square

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



A634CB



C93500



008200



0087DC

Rectangle

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



A634CB



E50057



008200



008883

Sweetspot

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



A634CB



F1C7FF



345ACB



775E80



000000



808080

Same Dimension

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



A634CB



C71CFF



CB34A5



645C66



7D00A6



1D0026

Inverse Universe

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



CB3459



FF1C54



34CB5A



665C5E



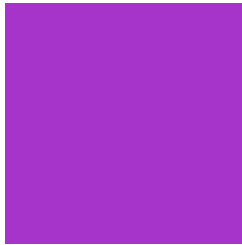
A60029



260009

Previews

White Background



This preview shows how the Hex color A634CB looks on a white background.

Color Contrast Check

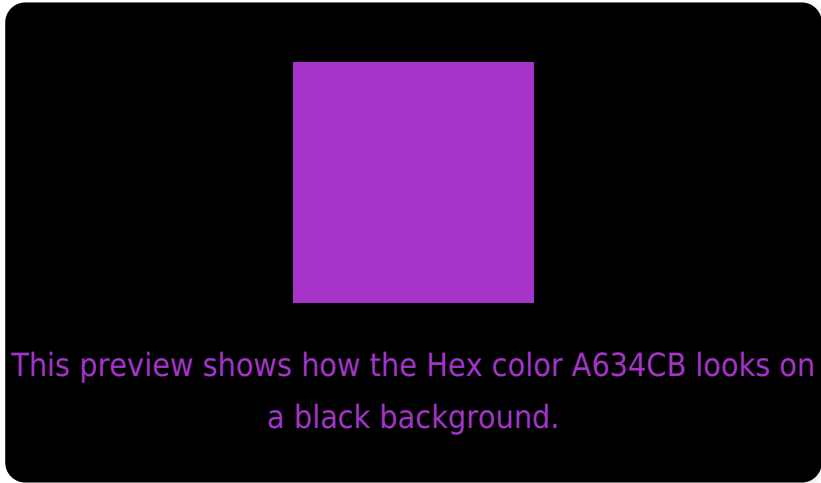
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

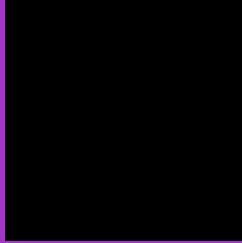
Any Text WCAG AA × Fail

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 A634CB Background



This preview shows how black text looks on a background with the Hex color A634CB.

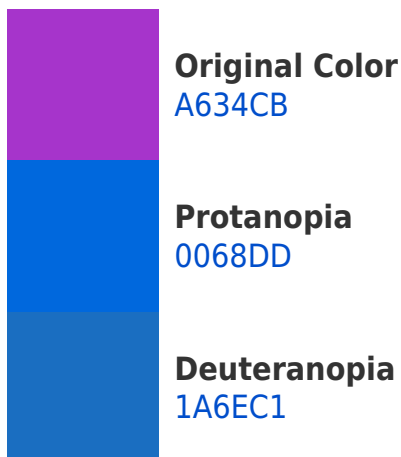


This preview shows how white text looks on a background with the Hex color A634CB.

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](#).

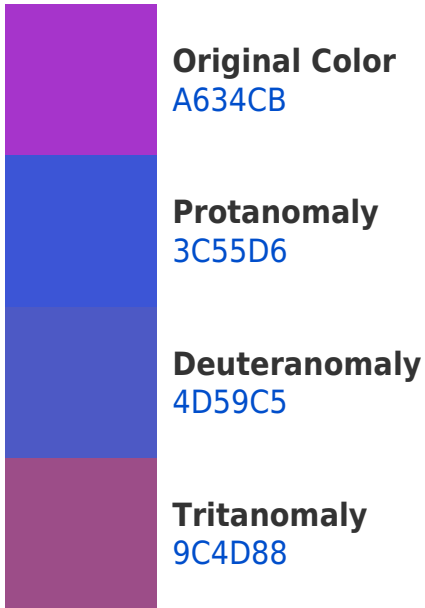
Dichromacy



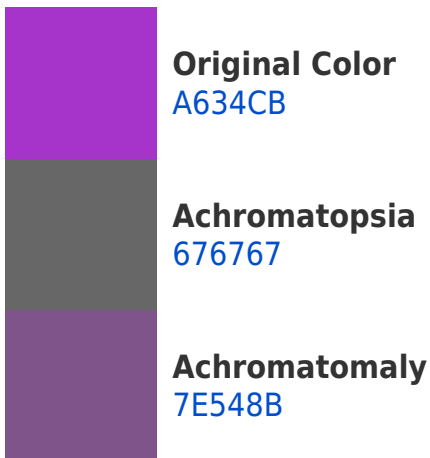


Tritanopia
975B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A634CB 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 #A634CB looks like.

```
.text, #text, p{  
    color:#A634CB  
}
```

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 #A634CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A634CB
}
```

Border

The CSS property to change the border of an element to Hex A634CB 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
#A634CB }
```

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

```
.border{ border-color:#A634CB }
```

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

Here you see how a box with a 4 pixel #A634CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A634CB; -webkit-box-shadow:4px 4px  
4px 4px #A634CB; box-shadow:4px 4px 4px  
4px #A634CB }
```

Background

The CSS property to change the background color of an element to Hex A634CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A634CB }
```

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

```
.background{ background-color:#A634CB }
```

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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