

Converting Colors

Hex(A63ECC)

Have a look what the booklet for
Hex(A63ECC) contains.

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Color

Hex(A63ECC)

Conversions

Conversions Part 1

Format	Color
Hex	A63ECC
RGB	166, 62, 204
RGB Percent	65%, 24%, 80%
CMY	0.3490, 0.7569, 0.2000
CMYK	0.19, 0.70, 0.00, 0.20
HSL	284°, 58%, 52%
HSV	284°, 70%, 80%
XYZ	28.3476, 15.9119, 58.7040
YIQ	109.2840, 16.4020, 66.2100

Conversions

Conversions Part 2

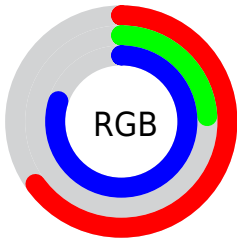
Format	Color
RYB	166, 62, 204
Decimal	10895052
CIELab	46.86, 63.12, -54.40
CIELCh	47, 83.330, 319.243
Yxy	15.9119, 0.2753, 0.1545
Android (android.graphics.Color)	4289085132 (0xFFA63ECC)
YUV	109.2840, 46.6950, 49.7399
Hunter-Lab	39.8897, 57.0440, -59.3318

Details

The Hex color **A63ECC** 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 **64CC3E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E076FF**, and **6D0095** is the 20% darker color. If you saturate the color by 10%, you get **A12ACC**, and if you desaturate by 10%, it is **AB52CC**.

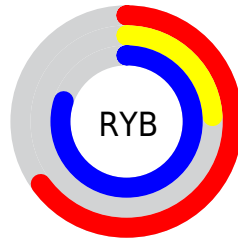
Distribution



Red (65%)

Green (24%)

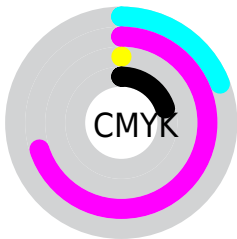
Blue (80%)



Red (65%)

Yellow (24%)

Blue (80%)

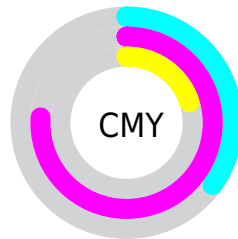


Cyan (19%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (76%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A63ECC 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 A63ECC by changing the saturation by 10% instead.

 A63ECC

 A63ECC

FFFFFF

 8A1FB0

 E076FF

 6D0095

 FE91FF

 52007A

 FFAEFF

 360061

 FFCAFF

 1A0048

 FFE7FF

 000031

 00011B

 000000

 A63ECC

 A63ECC

 A12ACC

 AB52CC

 9B15CC

 B167CC

 9601CC

 B67BCC

 9500CC

 BC90CC

 C1A4CC

 C7B8CC

 CCCDCC

 D2E1CC

 D7F6CC

Harmonies

Analogous

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



0068F6



A63ECC



DB008B

Triad

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



A63ECC



9D6300



008C9C

Complementary

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



A63ECC



64CC3E

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.



008A53



A63ECC



5D7900

Square

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



A63ECC



CB3C00



008500



008ADA

Rectangle

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



A63ECC



E5005D



008500



008B84

Sweetspot

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



A63ECC



F1C9FF



3E66CC



776080



000000



808080

Same Dimension

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



A63ECC



C629FF



CC3EAD



635C66



7900A6



1C0026

Inverse Universe

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



CC3E64



FF2962



3ECC5D



665C5F



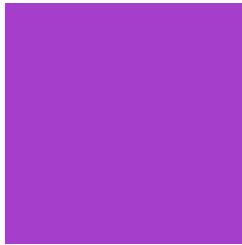
A6002C



26000A

Previews

White Background



This preview shows how the Hex color A63ECC looks on a white background.

Color Contrast Check

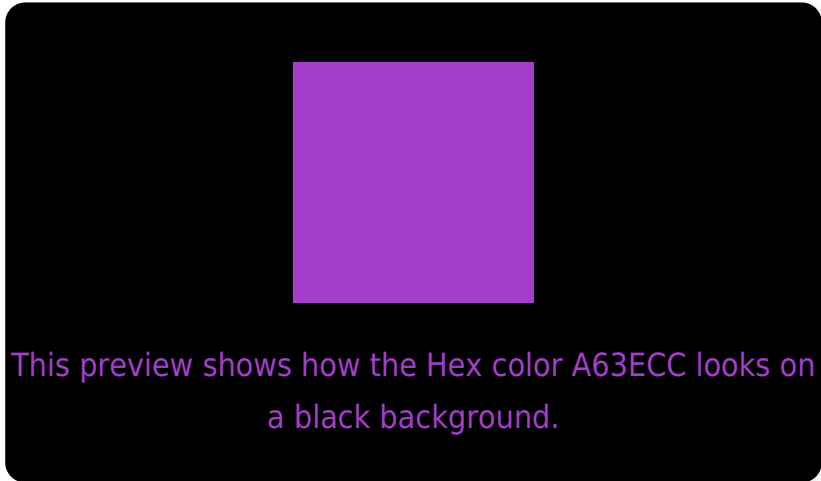
Large Text (above 18pt) WCAG AA ✓ Pass

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

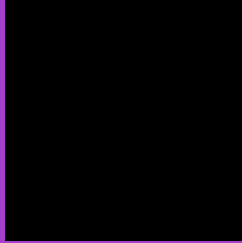
Any Text WCAG AA × Fail

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 A63ECC Background



This preview shows how black text looks on a background with the Hex color A63ECC.

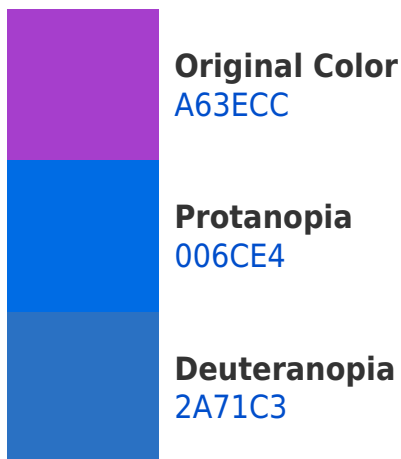


This preview shows how white text looks on a background with the Hex color A63ECC.

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](#).

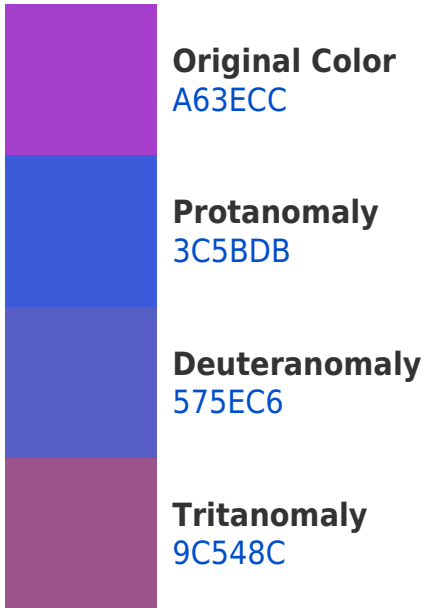
Dichromacy



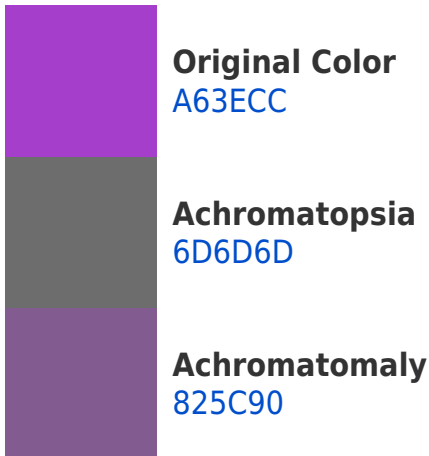


Tritanopia
976067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A63ECC 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 #A63ECC looks like.

```
.text, #text, p{  
    color:#A63ECC  
}
```

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 #A63ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63ECC
}
```

Border

The CSS property to change the border of an element to Hex A63ECC 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".

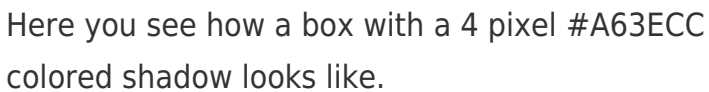
```
.border, #border, table{ border:4px solid
#A63ECC }
```

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

```
.border{ border-color:#A63ECC }
```

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

Here you see how a box with a 4 pixel #A63ECC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63ECC; -webkit-box-shadow:4px 4px  
4px 4px #A63ECC; box-shadow:4px 4px 4px  
4px #A63ECC }
```

Background

The CSS property to change the background color of an element to Hex A63ECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63ECC }
```

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

```
.background{ background-color:#A63ECC }
```

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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