

Converting Colors

Hex(A83995)

Have a look what the booklet for
Hex(A83995) contains.

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Color

Hex(A83995)

Conversions

Conversions Part 1

Format	Color
Hex	A83995
RGB	168, 57, 149
RGB Percent	66%, 22%, 58%
CMY	0.3412, 0.7765, 0.4157
CMYK	0.00, 0.66, 0.11, 0.34
HSL	310°, 49%, 44%
HSV	310°, 66%, 66%
XYZ	23.0364, 13.4210, 29.8101
YIQ	100.6770, 36.6240, 52.1440

Conversions

Conversions Part 2

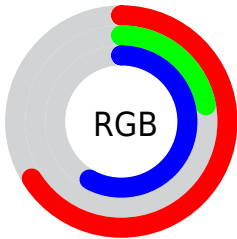
Format	Color
R_{YB}	168, 57, 149
Decimal	11024789
CIE _{Lab}	43.39, 55.75, -27.47
CIE _{LCh}	43, 62.147, 333.769
Yxy	13.4210, 0.3476, 0.2025
Android (android.graphics.Color)	4289214869 (0xFFA83995)
YUV	100.6770, 23.8232, 59.0423
Hunter-Lab	36.6347, 48.1325, -22.6008

Details

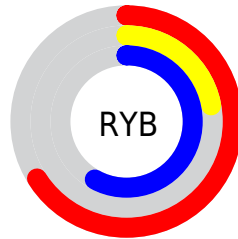
The Hex color **A83995** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **39A84C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E270CB**, and **710062** is the 20% darker color. If you saturate the color by 10%, you get **A82892**, and if you desaturate by 10%, it is **A84A98**.

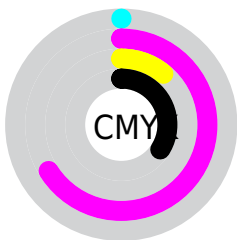
Distribution



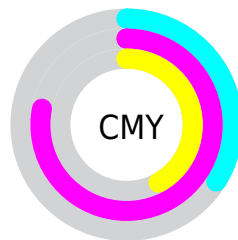
- Red (66%)
- Green (22%)
- Blue (58%)



- Red (66%)
- Yellow (22%)
- Blue (58%)



- Cyan (0%)
- Magenta (66%)
- Yellow (11%)
- Black (34%)



- Cyan (34%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83995 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 A83995 by changing the saturation by 10% instead.

 A83995

 A83995

FFFFFF

 8C1A7B

 E270CB

 710062

 FF8BE8

 56004A

 FFA7FF

 3C0033

 FFC4FF

 22001D

 FFE1FF

 000000

FFFEFF

 A83995

 A83995

 A82892

 A84A98

 A8178F

 A85B9B

 A8078C

 A86B9E

 A8008B

 A87CA1

 A88DA3

 A89EA6

 A8AFA9

 A8BFAC

 A8D0AF

Harmonies

Analogous

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



6C55BD



A83995



BF2762

Triad

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



A83995



776700



007D9F

Complementary

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



A83995



39A84C

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.



007D6C



A83995



417300

Square

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



A83995



9F5200



007A36



0078C3

Rectangle

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



A83995



BE2F41



007A36



007D8F

Sweetspot

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



A83995



DBAFD4



4B39A8



6E5369



EDEDED



6E6E6E

Same Dimension

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



A83995



DB2EBE



A8395E



544C53



94007B



140011

Inverse Universe

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



A83995



DB2EBE



39A883



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color A83995 looks on a white background.

Color Contrast Check

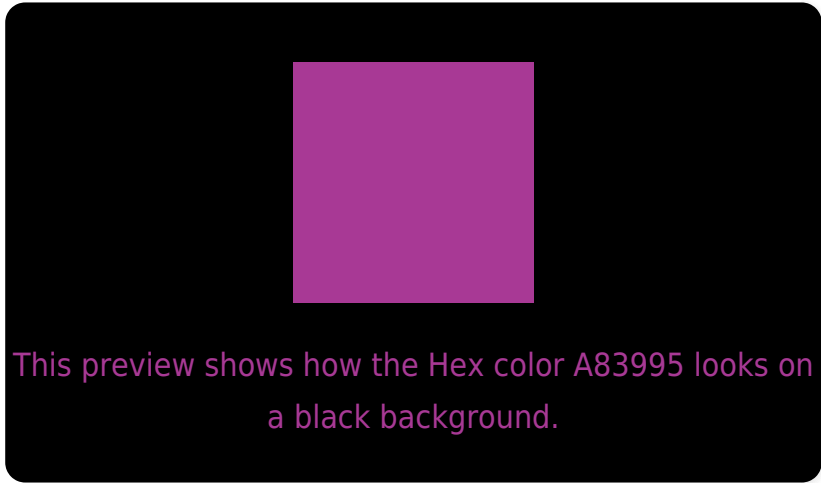
Large Text (above 18pt) WCAG AA ✓ Pass

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

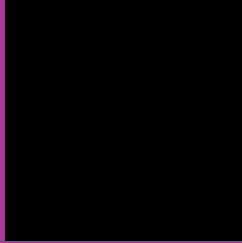
Any Text WCAG AA × Fail

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 A83995 Background



This preview shows how black text looks on a background with the Hex color A83995.

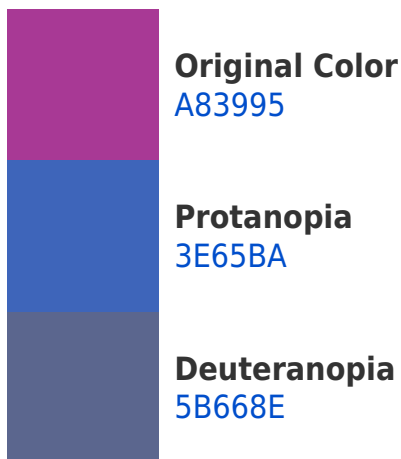


This preview shows how white text looks on a background with the Hex color A83995.

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
A14C52

Trichromacy



Original Color
A83995



Protanomaly
6555AD



Deuteranomaly
775691



Tritanomaly
A4456A

Monochromacy



Original Color
A83995



Achromatopsia
656565



Achromatomaly
7D5576

CSS Examples

Text

The CSS property to change the color of the text to Hex A83995 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 #A83995 looks like.

```
.text, #text, p{  
    color:#A83995  
}
```

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 #A83995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83995
}
```

Border

The CSS property to change the border of an element to Hex A83995 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".

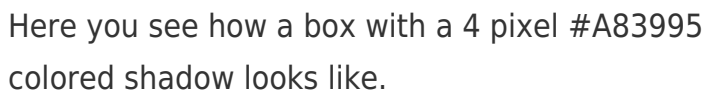
```
.border, #border, table{ border:4px solid
#A83995 }
```

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

```
.border{ border-color:#A83995 }
```

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

Here you see how a box with a 4 pixel #A83995 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, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83995; -webkit-box-shadow:4px 4px  
4px 4px #A83995; box-shadow:4px 4px 4px  
4px #A83995 }
```

Background

The CSS property to change the background color of an element to Hex A83995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83995 }
```

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

```
.background{ background-color:#A83995 }
```

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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