

Converting Colors

Hex(A13AD9)

Have a look what the booklet for
Hex(A13AD9) contains.

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Color

Hex(A13AD9)

Conversions

Conversions Part 1

Format	Color
Hex	A13AD9
RGB	161, 58, 217
RGB Percent	63%, 23%, 85%
CMY	0.3686, 0.7725, 0.1490
CMYK	0.26, 0.73, 0.00, 0.15
HSL	279°, 68%, 54%
HSV	279°, 73%, 85%
XYZ	28.7354, 15.6129, 67.1447
YIQ	106.9230, 10.3490, 71.2850

Conversions

Conversions Part 2

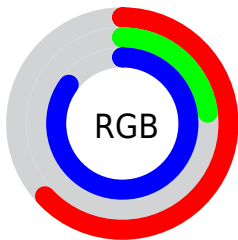
Format	Color
R_{YB}	161, 58, 217
Decimal	10566361
CIE _{Lab}	46.46, 66.35, -62.54
CIE _{LCh}	46, 91.175, 316.691
Yxy	15.6129, 0.2577, 0.1400
Android (android.graphics.Color)	4288756441 (0xFFA13AD9)
YUV	106.9230, 54.2680, 47.4255
Hunter-Lab	39.5132, 60.6633, -73.0921

Details

The Hex color **A13AD9** 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 **72D93A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DC72FF**, and **6700A1** is the 20% darker color. If you saturate the color by 10%, you get **9924D9**, and if you desaturate by 10%, it is **A950D9**.

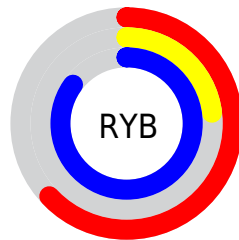
Distribution



Red (63%)

Green (23%)

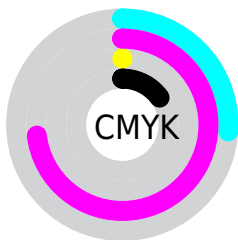
Blue (85%)



Red (63%)

Yellow (23%)

Blue (85%)

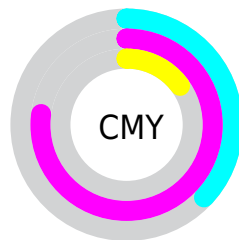


Cyan (26%)

Magenta (73%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (77%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A13AD9 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 A13AD9 by changing the saturation by 10% instead.

 A13AD9

 A13AD9

FFFFFF

 8419BD

 DC72FF

 6700A1

 FA8EFF

 4B0086

 FFAAFF

 2C006C

 FFC7FF

 080053

 FFE4FF

 00003A

 000224

 00000B

 000000

 A13AD9

 A13AD9

 9924D9

 A950D9

 920FD9

 B065D9

 8D00D9

 B87BD9

 C091D9

 C7A6D9

 CFBCD9

 D6D2D9

 DEE8D9

 E6FDD9

Harmonies

Analogous

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



006AFF



A13AD9



E00094

Triad

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



A13AD9



A25E00



008C98

Complementary

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



A13AD9



72D93A

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.



008A48



A13AD9



5F7800

Square

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



A13AD9



D42B00



008400



008BDE

Rectangle

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



A13AD9



ED0061



008400



008B7E

Sweetspot

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



A13AD9



EBC7FF



3A74D9



745E80



000000



808080

Same Dimension

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



A13AD9



B01FFF



D93AC4



6A636E



7000AD



1E002E

Inverse Universe

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



D93A72



FF1F6E



3AD94F



6E6367



AD003D



2E0010

Previews

White Background



This preview shows how the Hex color A13AD9 looks on a white background.

Color Contrast Check

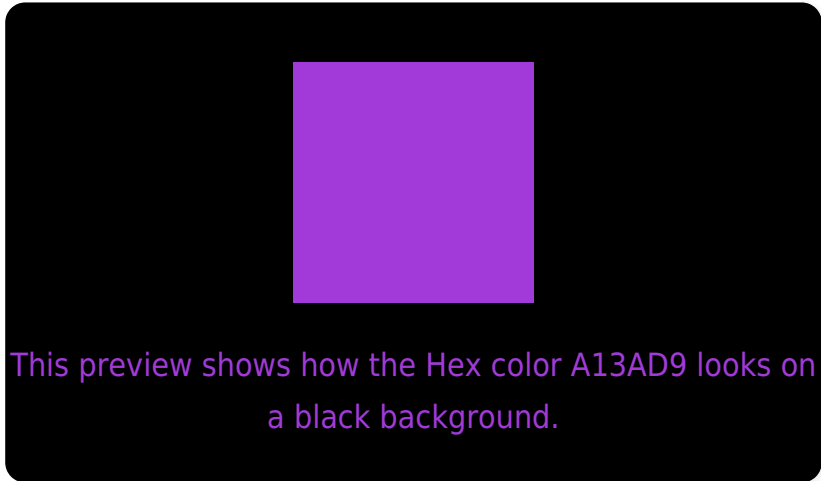
Large Text (above 18pt) WCAG AA ✓ Pass

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

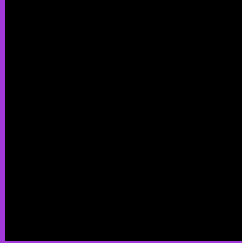
Any Text WCAG AA × Fail

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 A13AD9 Background



This preview shows how black text looks on a background with the Hex color A13AD9.

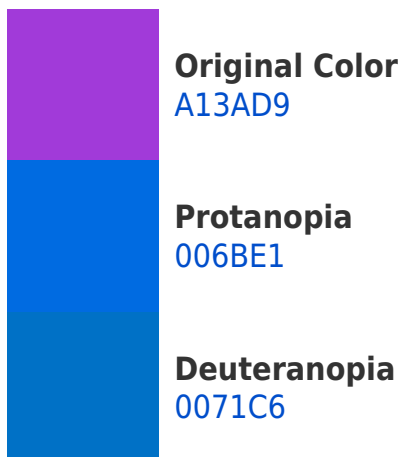



This preview shows how white text looks on a background with the Hex color A13AD9.

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](#).

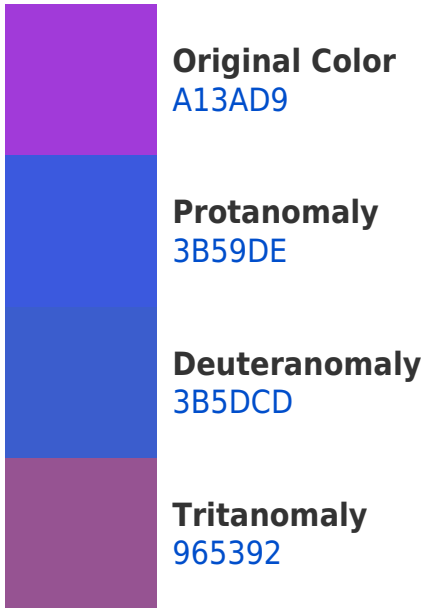
Dichromacy



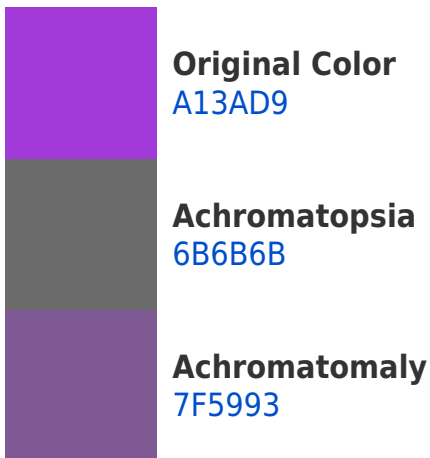


Tritanopia
8F6269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A13AD9 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 #A13AD9 looks like.

```
.text, #text, p{  
    color:#A13AD9  
}
```

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 #A13AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13AD9
}
```

Border

The CSS property to change the border of an element to Hex A13AD9 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
#A13AD9 }
```

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

```
.border{ border-color:#A13AD9 }
```

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

Here you see how a box with a 4 pixel #A13AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13AD9; -webkit-box-shadow:4px 4px  
4px 4px #A13AD9; box-shadow:4px 4px 4px  
4px #A13AD9 }
```

Background

The CSS property to change the background color of an element to Hex A13AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13AD9 }
```

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

```
.background{ background-color:#A13AD9 }
```

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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