

Converting Colors

Hex(A413EC)

Have a look what the booklet for
Hex(A413EC) contains.

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Color

Hex(A413EC)

Conversions

Conversions Part 1

Format	Color
Hex	A413EC
RGB	164, 19, 236
RGB Percent	64%, 7%, 93%
CMY	0.3569, 0.9255, 0.0745
CMYK	0.31, 0.92, 0.00, 0.07
HSL	280°, 85%, 50%
HSV	280°, 92%, 93%
XYZ	30.6830, 14.4144, 80.5220
YIQ	87.0930, 16.7630, 98.2270

Conversions

Conversions Part 2

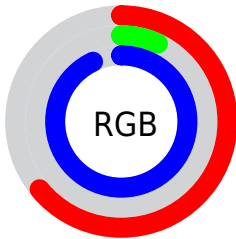
Format	Color
R_{YB}	164, 19, 236
Decimal	10753004
CIE _{Lab}	44.82, 80.84, -76.00
CIE _{LCh}	45, 110.950, 316.767
Yxy	14.4144, 0.2443, 0.1147
Android (android.graphics.Color)	4288943084 (0xFFA413EC)
YUV	87.0930, 73.4112, 67.4474
Hunter-Lab	37.9663, 77.8165, -99.1706

Details

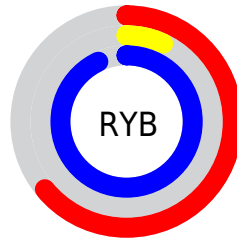
The Hex color **A413EC** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **5BEC13**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E15DFF**, and **6800B3** is the 20% darker color. If you saturate the color by 10%, you get **9E00EC**, and if you desaturate by 10%, it is **AC2BEC**.

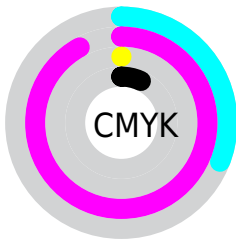
Distribution



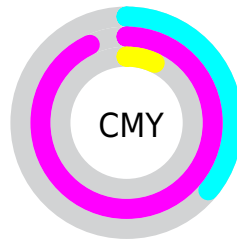
- Red (64%)
- Green (7%)
- Blue (93%)



- Red (64%)
- Yellow (7%)
- Blue (93%)



- Cyan (31%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A413EC 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 A413EC by changing the saturation by 10% instead.

 A413EC

 A413EC

FFFFFF

 8600CF

 E15DFF

 6800B3

 FF7AFF

 480097

 FF97FF

 26007C

 FFB5FF

 000062

 FFD2FF

 000049

 FFF0FF

 000432

 00011C

 000000

 A413EC

 A413EC

 9E00EC

 AC2BEC

 B442EC

 BB5AEC

 C371EC

 CB89EC

 D3A1EC

 DBB8EC

 E3D0EC

 EAE7EC

Harmonies

Analogous

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



0067FF



A413EC



F10097

Triad

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



A413EC



A35700



008B9E

Complementary

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



A413EC



5BEC13

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.



00883B



A413EC



4F7600

Square

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



A413EC



DE0000



008300



008BF3

Rectangle

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



A413EC



FF005B



008300



008A7E

Sweetspot

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



A413EC



E7B8FF



135BEC



715480



000000



808080

Same Dimension

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



A413EC



AA00FF



EC13C8



716A75



7900B5



240036

Inverse Universe

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



EC135B



FF0055



13EC37



756A6D



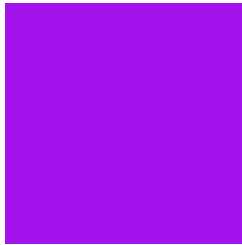
B5003C



360012

Previews

White Background



This preview shows how the Hex color A413EC looks on a white background.

Color Contrast Check

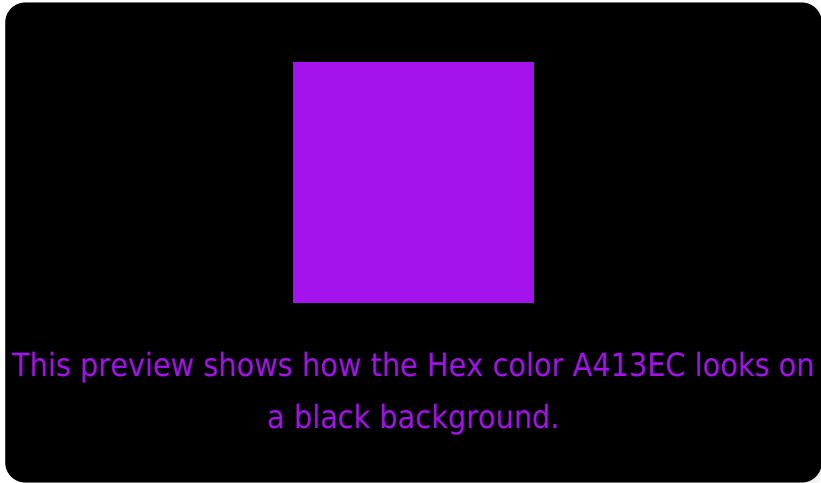
Large Text (above 18pt) WCAG AA ✓ Pass

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

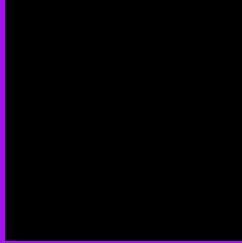
Any Text WCAG AA × Fail

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 A413EC Background



This preview shows how black text looks on a background with the Hex color A413EC.




This preview shows how white text looks on a background with the Hex color A413EC.

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](#).

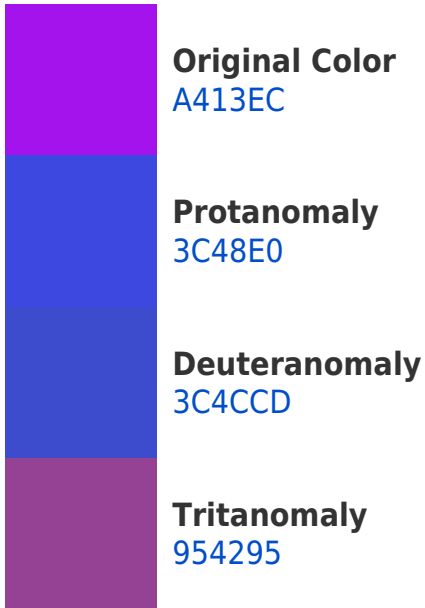
Dichromacy





Tritanopia
8D5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A413EC 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 #A413EC looks like.

```
.text, #text, p{  
    color:#A413EC  
}
```

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 #A413EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A413EC
}
```

Border

The CSS property to change the border of an element to Hex A413EC 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".

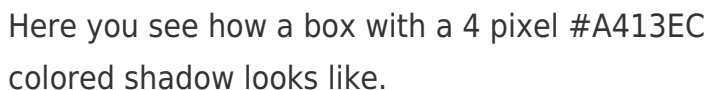
```
.border, #border, table{ border:4px solid
#A413EC }
```

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

```
.border{ border-color:#A413EC }
```

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

Here you see how a box with a 4 pixel #A413EC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A413EC; -webkit-box-shadow:4px 4px  
4px 4px #A413EC; box-shadow:4px 4px 4px  
4px #A413EC }
```

Background

The CSS property to change the background color of an element to Hex A413EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A413EC }
```

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

```
.background{ background-color:#A413EC }
```

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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