

Converting Colors

Hex(A42ED1)

Have a look what the booklet for
Hex(A42ED1) contains.

Hex(A42ED1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A42ED1)

Conversions

Conversions Part 1

Format	Color
Hex	A42ED1
RGB	164, 46, 209
RGB Percent	64%, 18%, 82%
CMY	0.3569, 0.8196, 0.1804
CMYK	0.22, 0.78, 0.00, 0.18
HSL	283°, 64%, 50%
HSV	283°, 78%, 82%
XYZ	27.7955, 14.4500, 61.6457
YIQ	99.8640, 18.0050, 75.7090

Conversions

Conversions Part 2

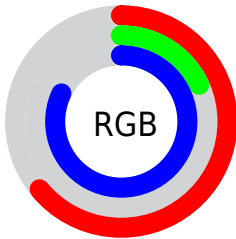
Format	Color
RYB	164, 46, 209
Decimal	10759889
CIELab	44.87, 69.50, -60.50
CIELCh	45, 92.149, 318.960
Yxy	14.4500, 0.2675, 0.1391
Android (android.graphics.Color)	4288949969 (0xFFA42ED1)
YUV	99.8640, 53.8040, 56.2473
Hunter-Lab	38.0131, 63.9976, -69.5413

Details

The Hex color **A42ED1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **5BD12E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DF69FF**, and **6B0099** is the 20% darker color. If you saturate the color by 10%, you get **9E19D1**, and if you desaturate by 10%, it is **AA43D1**.

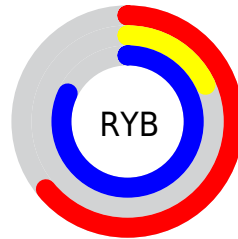
Distribution



Red (64%)

Green (18%)

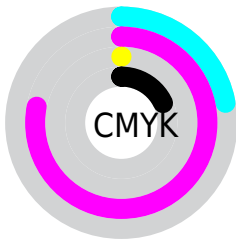
Blue (82%)



Red (64%)

Yellow (18%)

Blue (82%)

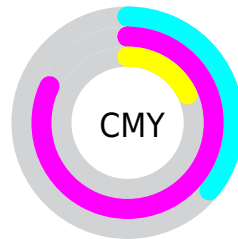


Cyan (22%)

Magenta (78%)

Yellow (0%)

Black (18%)



Cyan (36%)

Magenta (82%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A42ED1 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 A42ED1 by changing the saturation by 10% instead.

 A42ED1

 A42ED1

FFFFFF

 8700B5

 DF69FF

 6B0099

 FD86FF

 4E007F

 FFA2FF

 310065

 FFBFFF

 10004C

 FFD0FF

 000134

 FFFAFF

 00021E

 000000

 A42ED1

 A42ED1

■ 9E19D1

■ AA43D1

■ 9804D1

■ B058D1

■ 9700D1

■ B56DD1

■ BB82D1

■ C197D1

■ C7ABD1

■ CCC0D1

■ D2D5D1

■ D8EAD1

Harmonies

Analogous

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



0064FF



A42ED1



DF008A

Triad

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



A42ED1



995D00



00889B

Complementary

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



A42ED1



5BD12E

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.



00864A



A42ED1



537500

Square

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



A42ED1



CC2A00



008100



0087DF

Rectangle

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



A42ED1



E90057



008100



008780

Sweetspot

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



A42ED1



EFC4FF



2E5CD1



765C80



000000



808080

Same Dimension

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



A42ED1



BD0FFB



D12EAE



665E69



7A00A8



1E0029

Inverse Universe

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



D12E5B



FF0F51



2ED151



695E61



A8002E



29000B

Previews

White Background



This preview shows how the Hex color A42ED1 looks on a white background.

Color Contrast Check

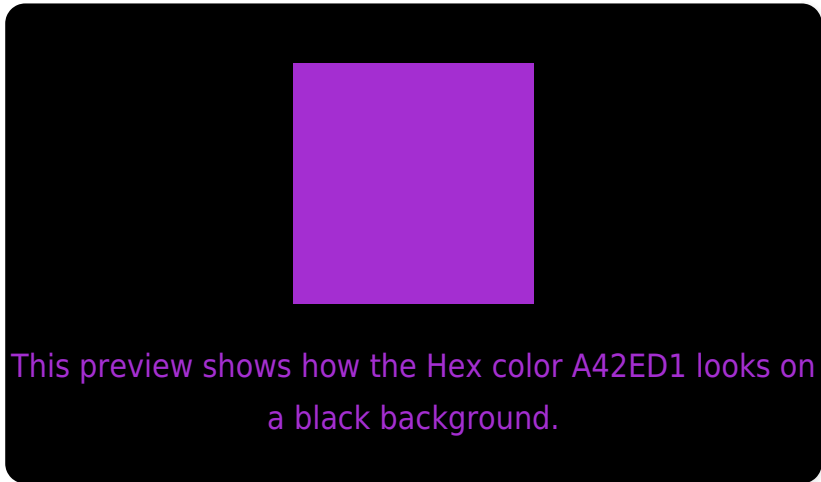
Large Text (above 18pt) WCAG AA ✓ Pass

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

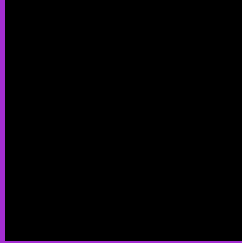
Any Text WCAG AA × Fail

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 A42ED1 Background



This preview shows how black text looks on a background with the Hex color A42ED1.

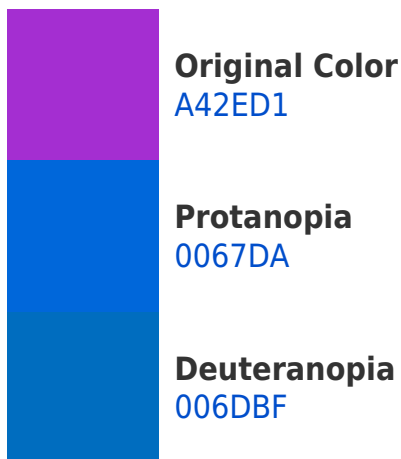



This preview shows how white text looks on a background with the Hex color A42ED1.

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](#).

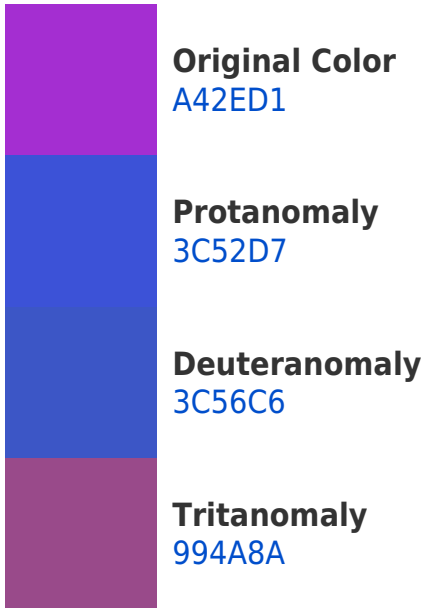
Dichromacy





Tritanopia
935A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A42ED1 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 #A42ED1 looks like.

```
.text, #text, p{  
    color:#A42ED1  
}
```

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 #A42ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42ED1
}
```

Border

The CSS property to change the border of an element to Hex A42ED1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

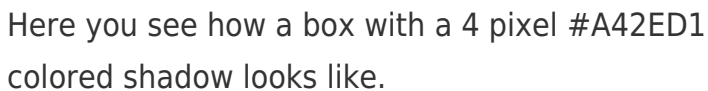
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42ED1 }
```

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

```
.border{ border-color:#A42ED1 }
```

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



Here you see how a box with a 4 pixel #A42ED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42ED1; -webkit-box-shadow:4px 4px  
4px 4px #A42ED1; box-shadow:4px 4px 4px  
4px #A42ED1 }
```

Background

The CSS property to change the background color of an element to Hex A42ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42ED1 }
```

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

```
.background{ background-color:#A42ED1 }
```

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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