

# Converting Colors

Hex(A241F0)

Have a look what the booklet for  
Hex(A241F0) contains.

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# Color

**Hex(A241F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A241F0
RGB	162, 65, 240
RGB Percent	64%, 25%, 94%
CMY	0.3647, 0.7451, 0.0588
CMYK	0.33, 0.73, 0.00, 0.06
HSL	273°, 85%, 60%
HSV	273°, 73%, 94%
XYZ	32.5188, 17.7532, 84.1509
YIQ	113.9530, 1.6370, 74.9890

# Conversions

## Conversions Part 2

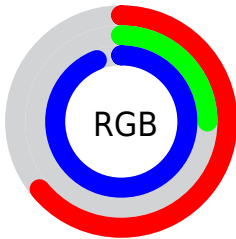
Format	Color
<b>RYB</b>	162, 65, 240
Decimal	10633712
CIELab	49.20, 68.69, -71.13
CIELCh	49, 98.885, 313.999
Yxy	17.7532, 0.2419, 0.1321
Android (android.graphics.Color)	4288823792 (0xFFA241F0)
YUV	113.9530, 62.1412, 42.1372
Hunter-Lab	42.1346, 64.0277, -88.9193

# Details

The Hex color **A241F0** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **8FF041**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **DE79FF**, and **6700B7** is the 20% darker color. If you saturate the color by 10%, you get **9729F0**, and if you desaturate by 10%, it is **AD59F0**.

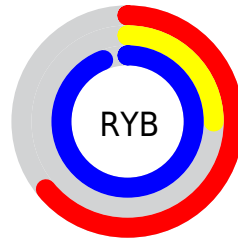
# Distribution



Red (64%)

Green (25%)

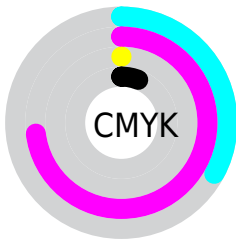
Blue (94%)



Red (64%)

Yellow (25%)

Blue (94%)

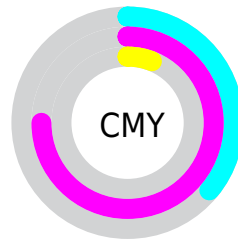


Cyan (33%)

Magenta (73%)

Yellow (0%)

Black (6%)



Cyan (36%)

Magenta (75%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A241F0 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 A241F0 by changing the saturation by 10% instead.



 A241F0

 A241F0

FFFFFF

 8422D3

 DE79FF

 6700B7

 FC95FF

 48009B

 FFB1FF

 260080

 FFCEFF

 000066

 FFE8FF

 00004D

 000535

 00021F

 000002

 A241F0

 A241F0

 9729F0

 AD59F0

 8D11F0

 B771F0

 8500F0

 C289F0

 CDA1F0

 D7B9F0

 E2D1F0

 EDE9F0

 F8FFF0

 FFFFF0

# Harmonies

## Analogous

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



0074FF



A241F0



EE00A5

# Triad

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



A241F0



B36000



00959C

# Complementary

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



A241F0



8FF041

# 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.



009243



A241F0



6B7E00

# Square

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



A241F0



E71C00



008C00



0095EA

# Rectangle

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



A241F0



FF006E



008C00



00947F



# Sweetspot

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



A241F0



E6C7FF



4190F0



715E80



000000



808080



# Same Dimension

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



A241F0



9B1FFF



F041E7



736C78



6600B8



1F0038



# Inverse Universe

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



F0418F



FF1F83



41F04A



786C71



B80052

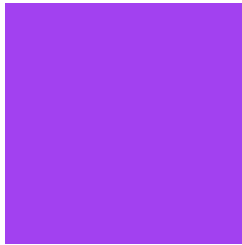


380019



# Previews

## White Background



This preview shows how the Hex color A241F0 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 ✓ Pass

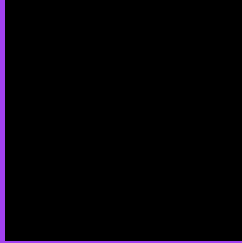
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A241F0 Background



This preview shows how black text looks on a background with the Hex color A241F0.

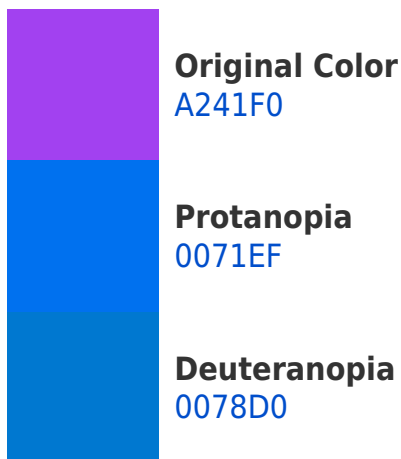



This preview shows how white text looks on a background with the Hex color A241F0.

# 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](#).

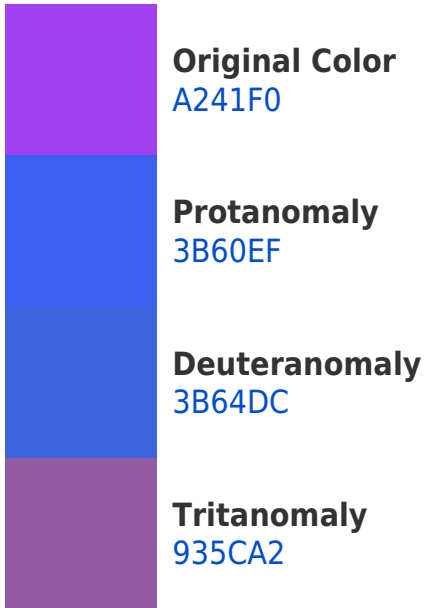
## Dichromacy



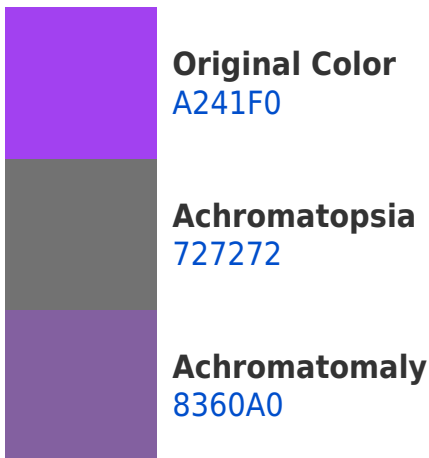


**Tritanopia**  
8B6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A241F0 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 #A241F0 looks like.

```
.text, #text, p{  
    color:#A241F0  
}
```

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 #A241F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A241F0
}
```

## Border

The CSS property to change the border of an element to Hex A241F0 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".

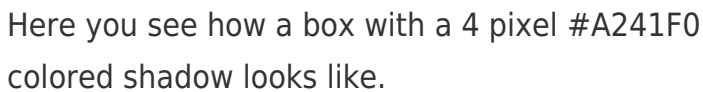
```
.border, #border, table{ border:4px solid
#A241F0 }
```

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

```
.border{ border-color:#A241F0 }
```

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

Here you see how a box with a 4 pixel #A241F0 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 #A241F0; -webkit-box-shadow:4px 4px  
4px 4px #A241F0; box-shadow:4px 4px 4px  
4px #A241F0 }
```

# Background

The CSS property to change the background color of an element to Hex A241F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A241F0 }
```

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

```
.background{ background-color:#A241F0 }
```

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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